Discovery Bay-1 WCR W783

SEISMOGRAPH SERVICE (ENGLAND) LTD

WELL SURVEY DIVISION

DEPT. NAT. RES & ENV
PE600091

COMPANY: PHILLIPS AUSTRALIAN OIL COMPANY

WELL: DISCOVERY BAY NO.1

LISTING OF : TWO-WAY TRAVEL TIME IN SECONDS BELOW DATUM OF MEAN SEA LEVEL

VERTICAL DEPTH IN METRES BELOW DATUM OF MEAN SEA LEVEL

VELOCITIES IN M/SEC

REFLECTION COEFFICIENTS

TWO-WAY TRANSMISSION LOSS

ELEVATION OF KB AT 23.0 METRES ABOVE DATUM OF MEAN SEA LEVEL

TIMES START AT TOP OF VELOCITY LOG AT 0.4475 SECONDS TWO-WAY TIME

TIME INCREMENT IS 0.0020 SECONDS TWO-WAY TIME

TIME	DEPTH	INT.VEL.	AVG.VEL.	RMS.VEL.	REF.CFT.	TRN.LOSS
0.4475	410.0	1832.5	1832.5	1832.5		
0.4495	412.4	2411.2	1835.1	1835.5	0.1364	0.0186
0.4515	414.8	2400.7	1837.6	1838.3	-0.0022	0.0186
0.4535	417.2	2402.5	1840.0	1841.2	0.0004	0.0186
0.4555	419.6	2400.0	1842.5	1844.0	-0.0005	0.0186
0.4575	422.0	2346.5	1844.7	1846.5	-0.0113	0.0187
0.4595	424.4	2416.2	1847.2	1849.4	0.0146	0.0189
0.4615	426.8	2376.9	1849.5	1852.0	-0.0082	0.0190
0.4635	429.2	2444.1	1852.1	1855.0	0.0139	0.0192
0.4655	431.6	2397.7	1854.4	1857.6	-0.0096	0.0193
0.4675	434.1	2436.1	1856.9	1860.5	0.0079	0.0193
0.4695	436.5	2467.2	1859.5	1863.5	0.0064	0.0194
0.4715	438.9	2402.9	1861.8	1866.1	-0.0132	0.0196
0.4735	441.3	2416.4	1864.1	1868.8	0.0028	0.0196
0.4755	443.8	2415.1	1866.5	1871.4	-0.0003	0.0196
0.4775	446.2	2419.6	1868.8	1874.0	0.0009	0.0196
0.4795	448.6	2460.9	1871.2	1876.9	0.0085	0.0196
0.4815	451.1	2472.2	1873.7	1879.7	0.0023	0.0196
0.4835	453.5	2413.5	1876.0	1882.2	-0.0120	0.0198
0.4855	456.0	2500.2	1878.5	1885.2	0.0176	0.0201
0.4875	458.5	2476.9	1881.0	1888.0	-0.0047	0.0201
0.4895	461.0	2500.4	1883.5	1890.9	0.0047	0.0201
0.4915	463.5	2469.3	1885.9	1893.6	-0.0063	0.0202
0.4935	466.0	2496.5	1888.4	1896.5	0.0055	0.0202
0.4955	468.5	2509.2	1890.9	1899.3	0.0025	0.0202
0.4975	471.0	2549.2	1893.5	1902.4	0.0079	0.0203
0.4995	473.5	2505.3	1896.0	1905.2	-0.0087	0.0203
0.5015	476.1	2536.3	1898.5	1908.1	0.0061	0.0204
0.5035	478.6	2525.2	1901.0	1911.0	-0.0022	0.0204
0.5055	481.1	2530.5	1903.5	1913.8	0.0011	0.0204
0.5075	483.6	2497.7	1905.9	1916.5	-0.0065	0.0204
0.5095	486.1	2498.1	1908.2	1919.1	0.0001	0.0204
0.5115	488.6	2473.6	1910.4	1921.6	-0.0049	0.0204
0.5135	491.1	2552.3	1912.9	1924.4	0.0157	0.0207
0.5155	493.7	2578.6	1915.5	1927.4	0.0051	0.0207
0.5175	496.2	2493.5	1917.7	1929.9	-0.0168	0.0210
0.5195	498.7	2532.9	1920.1	1932.6	0.0078	0.0210
0.5215	501.3	2536.7	1922.4	1935.3	0.0007	0.0211
0.5235	503.8	2533.6	1924.8	1937.9	-0.0006	0.0211

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  0.5255    506.4     2563.9    1927.2    1940.7     0.0059    0.0211
  0.5275    508.9     2549.3    1929.6    1943.3    -0.0029    0.0211
  0.5295    511.4     2496.7    1931.7    1945.7    -0.0104    0.0212
  0.5315    513.9     2495.9    1933.8    1948.1    -0.0002    0.0212
  0.5335    516.5     2549.9    1936.2    1950.7     0.0107    0.0213
  0.5355    519.0     2551.4    1938.4    1953.3     0.0003    0.0213
  0.5375    521.6     2544.5    1940.7    1955.8    -0.0013    0.0213
  0.5395    524.1     2508.6    1942.8    1958.1    -0.0071    0.0214
  0.5415    526.6     2490.3    1944.8    1960.4    -0.0037    0.0214
  0.5435    529.1     2496.6    1946.9    1962.6     0.0013    0.0214
  0.5455    531.6     2487.5    1948.8    1964.8    -0.0018    0.0214
  0.5475    534.1     2536.1    1951.0    1967.2     0.0097    0.0215
  0.5495    536.6     2557.2    1953.2    1969.6     0.0041    0.0215
  0.5515    539.2     2518.8    1955.2    1971.9    -0.0076    0.0215
  0.5535    541.7     2535.5    1957.3    1974.2     0.0033    0.0216
  0.5555    544.3     2570.0    1959.5    1976.7     0.0068    0.0216
  0.5575    546.8     2562.5    1961.7    1979.1    -0.0015    0.0216
  0.5595    549.4     2607.2    1964.0    1981.7     0.0086    0.0217
  0.5615    552.2     2722.8    1966.7    1984.8     0.0217    0.0221
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   TIME     DEPTH     INT.VEL.  AVG.VEL.  RMS.VEL.  REF.CFT.  TRN.LOSS

  0.5635    554.9     2718.6    1969.4    1987.9    -0.0008    0.0221
  0.5655    557.4     2557.5    1971.5    1990.2    -0.0305    0.0230
  0.5675    560.0     2588.8    1973.6    1992.7     0.0061    0.0231
  0.5695    562.6     2556.7    1975.7    1994.9    -0.0062    0.0231
  0.5715    565.2     2595.6    1977.9    1997.3     0.0075    0.0232
  0.5735    567.7     2569.2    1979.9    1999.6    -0.0051    0.0232
  0.5755    570.3     2555.1    1981.9    2001.8    -0.0028    0.0232
  0.5775    572.9     2597.9    1984.1    2004.2     0.0083    0.0233
  0.5795    575.4     2527.4    1985.9    2006.2    -0.0138    0.0235
  0.5815    577.9     2488.6    1987.7    2008.1    -0.0077    0.0235
  0.5835    580.5     2550.0    1989.6    2010.2     0.0122    0.0237
  0.5855    583.0     2555.8    1991.5    2012.3     0.0011    0.0237
  0.5875    585.6     2541.9    1993.4    2014.3    -0.0027    0.0237
  0.5895    588.1     2579.4    1995.4    2016.5     0.0073    0.0237
  0.5915    590.8     2613.7    1997.5    2018.8     0.0066    0.0238
  0.5935    593.3     2540.7    1999.3    2020.8    -0.0142    0.0240
  0.5955    595.8     2518.5    2001.0    2022.7    -0.0044    0.0240
  0.5975    598.5     2665.6    2003.3    2025.2     0.0284    0.0248
  0.5995    601.1     2666.1    2005.5    2027.7     0.0001    0.0248
  0.6015    603.8     2649.9    2007.6    2030.1    -0.0031    0.0248
  0.6035    606.4     2598.8    2009.6    2032.2    -0.0097    0.0249
  0.6055    609.1     2679.5    2011.8    2034.7     0.0153    0.0251
  0.6075    612.0     2878.6    2014.7    2038.0     0.0358    0.0263
  0.6095    614.8     2849.7    2017.4    2041.2    -0.0050    0.0264
  0.6115    617.3     2516.0    2019.0    2043.0    -0.0622    0.0301
  0.6135    619.6     2266.4    2019.8    2043.7    -0.0522    0.0328
  0.6155    622.0     2438.0    2021.2    2045.1     0.0365    0.0341
  0.6175    624.5     2497.4    2022.7    2046.8     0.0120    0.0342
  0.6195    627.2     2673.2    2024.8    2049.1     0.0340    0.0353
  0.6215    630.0     2764.6    2027.2    2051.8     0.0168    0.0356
  0.6235    632.7     2767.9    2029.6    2054.5     0.0006    0.0356
  0.6255    635.9     3145.6    2033.2    2058.9     0.0639    0.0395
  0.6275    639.0     3175.0    2036.8    2063.4     0.0046    0.0396
  0.6295    641.9     2836.0    2039.3    2066.3    -0.0564    0.0426
  0.6315    644.5     2665.1    2041.3    2068.5    -0.0311    0.0435
  0.6335    647.3     2775.8    2043.6    2071.1     0.0203    0.0439
  0.6355    650.0     2692.2    2045.7    2073.4    -0.0153    0.0441
  0.6375    652.7     2724.0    2047.8    2075.7     0.0059    0.0442
  0.6395    655.3     2547.5    2049.4    2077.4    -0.0335    0.0453
  0.6415    657.9     2606.5    2051.1    2079.2     0.0115    0.0454
  0.6435    660.6     2742.5    2053.3    2081.6     0.0254    0.0460
  0.6455    663.4     2767.0    2055.5    2084.1     0.0044    0.0460
  0.6475    666.2     2803.4    2057.8    2086.7     0.0065    0.0461
  0.6495    669.0     2791.2    2060.0    2089.2    -0.0022    0.0461
  0.6515    671.8     2834.2    2062.4    2091.9     0.0076    0.0461
  0.6535    674.7     2851.8    2064.8    2094.7     0.0031    0.0461
  0.6555    677.6     2908.1    2067.4    2097.6     0.0098    0.0462
  0.6575    680.4     2855.4    2069.8    2100.3    -0.0091    0.0463
  0.6595    683.2     2767.2    2071.9    2102.7    -0.0157    0.0465
  0.6615    686.1     2862.8    2074.3    2105.4     0.0170    0.0468
  0.6635    688.9     2838.2    2076.6    2108.0    -0.0043    0.0468
  0.6655    691.7     2803.9    2078.8    2110.4    -0.0061    0.0469
  0.6675    694.6     2832.4    2081.0    2112.9     0.0051    0.0469
  0.6695    697.3     2778.8    2083.1    2115.2    -0.0095    0.0470
  0.6715    700.1     2775.9    2085.2    2117.5    -0.0005    0.0470
  0.6735    703.0     2877.7    2087.5    2120.2     0.0180    0.0473
  0.6755    705.9     2900.9    2090.0    2122.9     0.0040    0.0473
  0.6775    708.9     2967.6    2092.5    2125.9     0.0114    0.0474
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   TIME     DEPTH     INT.VEL.  AVG.VEL.  RMS.VEL.  REF.CFT.  TRN.LOSS
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0.6795      712.0      3173.9     2095.7     2129.7      0.0336     0.0485
0.6815      715.1      3098.2     2098.7     2133.2     -0.0121     0.0486
0.6835      718.4      3291.5     2102.2     2137.5      0.0302     0.0495
0.6855      721.5      3075.6     2105.0     2140.9     -0.0339     0.0506
0.6875      724.7      3234.8     2108.3     2144.9      0.0252     0.0512
0.6895      728.1      3374.7     2112.0     2149.4      0.0212     0.0516
0.6915      731.2      3076.1     2114.8     2152.7     -0.0463     0.0537
0.6935      734.6      3406.8     2118.5     2157.4      0.0510     0.0561
0.6955      737.7      3074.7     2121.2     2160.6     -0.0512     0.0586
0.6975      740.8      3158.3     2124.2     2164.1      0.0134     0.0588
0.6995      743.7      2870.9     2126.3     2166.4     -0.0477     0.0609
0.7015      746.5      2824.7     2128.3     2168.6     -0.0081     0.0610
0.7035      749.0      2485.5     2129.3     2169.6     -0.0639     0.0648
0.7055      751.4      2429.6     2130.2     2170.3     -0.0114     0.0649
0.7075      753.8      2408.7     2131.0     2171.1     -0.0043     0.0649
0.7095      756.2      2379.6     2131.7     2171.7     -0.0061     0.0650
0.7115      758.5      2304.6     2132.2     2172.1     -0.0160     0.0652
0.7135      760.8      2328.5     2132.7     2172.5      0.0052     0.0652
0.7155      763.2      2371.3     2133.4     2173.1      0.0091     0.0653
0.7175      765.6      2410.4     2134.2     2173.8      0.0082     0.0654
0.7195      768.9      3244.0     2137.2     2177.5      0.1474     0.0857
0.7215      771.5      2659.0     2138.7     2179.0     -0.0991     0.0947
0.7235      773.9      2408.2     2139.4     2179.6     -0.0495     0.0969
0.7255      776.5      2586.9     2140.7     2180.9      0.0358     0.0980
0.7275      778.9      2379.7     2141.3     2181.4     -0.0417     0.0996
0.7295      781.1      2238.7     2141.6     2181.6     -0.0305     0.1005
0.7315      783.4      2287.6     2142.0     2181.9      0.0108     0.1006
0.7335      785.9      2426.4     2142.8     2182.6      0.0294     0.1013
0.7355      788.3      2397.7     2143.5     2183.2     -0.0059     0.1014
0.7375      790.6      2389.3     2144.1     2183.8     -0.0018     0.1014
0.7395      793.0      2350.7     2144.7     2184.3     -0.0081     0.1014
0.7415      795.4      2408.2     2145.4     2184.9      0.0121     0.1016
0.7435      797.8      2396.5     2146.1     2185.5     -0.0025     0.1016
0.7455      800.2     `2383.2     2146.7     2186.1     -0.0028     0.1016
0.7475      802.5      2343.7     2147.2     2186.5     -0.0084     0.1016
0.7495      804.9      2361.5     2147.8     2187.0      0.0038     0.1016
0.7515      807.3      2367.2     2148.4     2187.5      0.0012     0.1017
0.7535      809.6      2354.5     2148.9     2187.9     -0.0027     0.1017
0.7555      811.9      2336.5     2149.4     2188.3     -0.0038     0.1017
0.7575      814.3      2343.5     2149.9     2188.8      0.0015     0.1017
0.7595      816.6      2338.0     2150.4     2189.2     -0.0012     0.1017
0.7615      819.0      2338.0     2150.9     2189.6      0.0000     0.1017
0.7635      821.3      2286.4     2151.3     2189.8     -0.0112     0.1018
0.7655      823.5      2252.7     2151.6     2190.0     -0.0074     0.1018
0.7675      825.8      2271.0     2151.9     2190.2      0.0041     0.1018
0.7695      828.0      2265.2     2152.2     2190.4     -0.0013     0.1019
0.7715      830.3      2281.6     2152.5     2190.7      0.0036     0.1019
0.7735      832.6      2310.1     2152.9     2191.0      0.0062     0.1019
0.7755      835.7      3029.0     2155.2     2193.5      0.1346     0.1182
0.7775      838.1      2461.8     2155.9     2194.3     -0.1033     0.1276
0.7795      840.5      2391.9     2156.6     2194.8     -0.0144     0.1278
0.7815      842.9      2422.5     2157.2     2195.4      0.0064     0.1278
0.7835      845.4      2461.7     2158.0     2196.1      0.0080     0.1279
0.7855      847.8      2427.8     2158.7     2196.8     -0.0069     0.1279
0.7875      850.2      2384.4     2159.3     2197.3     -0.0090     0.1280
0.7895      852.6      2407.1     2159.9     2197.8      0.0047     0.1280
0.7915      855.0      2384.2     2160.5     2198.3     -0.0048     0.1280
0.7935      857.3      2279.6     2160.8     2198.5     -0.0224     0.1285
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 TIME       DEPTH      INT.VEL.   AVG.VEL.   RMS.VEL.   REF.CFT.   TRN.LOSS

0.7955      859.5      2251.2     2161.0     2198.6     -0.0063     0.1285
0.7975      861.8      2302.5     2161.3     2198.9      0.0112     0.1286
0.7995      864.2      2338.1     2161.8     2199.3      0.0077     0.1286
0.8015      866.5      2358.8     2162.3     2199.7      0.0044     0.1287
0.8035      868.9      2338.8     2162.7     2200.0     -0.0042     0.1287
0.8055      871.1      2261.2     2163.0     2200.2     -0.0169     0.1289
0.8075      873.5      2316.7     2163.3     2200.5      0.0121     0.1291
0.8095      875.8      2351.5     2163.8     2200.9      0.0075     0.1291
0.8115      878.1      2258.6     2164.0     2201.0     -0.0202     0.1295
0.8135      880.3      2212.9     2164.2     2201.1     -0.0102     0.1295
0.8155      882.5      2217.6     2164.3     2201.1      0.0010     0.1295
0.8175      884.7      2222.1     2164.4     2201.1      0.0010     0.1295
0.8195      887.0      2271.1     2164.7     2201.3      0.0109     0.1297
0.8215      889.3      2320.0     2165.1     2201.6      0.0106     0.1298
0.8235      891.6      2310.3     2165.4     2201.9     -0.0021     0.1298
0.8255      893.9      2278.7     2165.7     2202.1     -0.0069     0.1298
0.8275      896.2      2264.8     2165.9     2202.2     -0.0030     0.1298
0.8295      898.5      2308.0     2166.3     2202.5      0.0095     0.1299
0.8315      900.8      2320.0     2166.7     2202.8      0.0026     0.1299
0.8335      903.1      2347.5     2167.1     2203.1      0.0059     0.1299
0.8355      905.6      2437.0     2167.7     2203.7      0.0187     0.1302
0.8375      908.1      2492.6     2168.5     2204.5      0.0113     0.1303
0.8395      910.6      2524.4     2169.4     2205.3      0.0063     0.1304
0.8415      913.0      2460.9     2170.1     2205.9     -0.0127     0.1305
0.8435      915.5      2449.9     2170.7     2206.5     -0.0022     0.1305
0.8455      917.9      2406.5     2171.3     2207.0     -0.0089     0.1306
0.8475      920.3      2370.9     2171.7     2207.4     -0.0074     0.1306
0.8495      922.6      2332.7     2172.1     2207.7     -0.0081     0.1307
0.8515      925.0      2344.3     2172.5     2208.1      0.0025     0.1307
0.8535      927.3      2321.4     2172.9     2208.3     -0.0049     0.1307
0.8555      929.6      2333.0     2173.3     2208.6      0.0025     0.1307
0.8575      932.0      2403.5     2173.8     2209.1      0.0149     0.1309
0.8595      934.4      2393.3     2174.3     2209.6     -0.0021     0.1309
0.8615      936.8      2422.5     2174.9     2210.1      0.0061     0.1309
0.8635      939.1      2312.4     2175.2     2210.3     -0.0233     0.1314
0.8655      941.5      2364.7     2175.6     2210.7      0.0112     0.1315
0.8675      943.8      2329.7     2176.0     2211.0     -0.0075     0.1316
0.8695      946.2      2343.0     2176.4     2211.3      0.0028     0.1316
0.8715      948.6      2380.7     2176.8     2211.7      0.0080     0.1316
0.8735      950.9      2335.3     2177.2     2212.0     -0.0096     0.1317
0.8755      953.3      2362.5     2177.6     2212.3      0.0058     0.1317
0.8775      955.6      2387.5     2178.1     2212.7      0.0053     0.1318
0.8795      958.0      2321.3     2178.4     2213.0     -0.0141     0.1319
0.8815      960.4      2389.8     2178.9     2213.4      0.0145     0.1321
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 0.8835      962.7     2339.6    2179.3    2213.7    -0.0106     0.1322
 0.8855      965.0     2273.8    2179.5    2213.8    -0.0142     0.1324
 0.8875      967.3     2339.8    2179.8    2214.1     0.0143     0.1326
 0.8895      969.7     2352.4    2180.2    2214.5     0.0027     0.1326
 0.8915      972.0     2355.4    2180.6    2214.8     0.0006     0.1326
 0.8935      974.4     2395.3    2181.1    2215.2     0.0084     0.1326
 0.8955      976.8     2398.2    2181.6    2215.6     0.0006     0.1326
 0.8975      979.2     2421.6    2182.1    2216.1     0.0049     0.1327
 0.8995      981.6     2410.4    2182.6    2216.6    -0.0023     0.1327
 0.9015      984.1     2419.7    2183.2    2217.0     0.0019     0.1327
 0.9035      986.5     2426.5    2183.7    2217.5     0.0014     0.1327
 0.9055      989.0     2475.7    2184.3    2218.1     0.0100     0.1328
 0.9075      991.5     2575.0    2185.2    2219.0     0.0196     0.1331
 0.9095      994.1     2608.2    2186.1    2219.9     0.0064     0.1331
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  TIME       DEPTH     INT.VEL.  AVG.VEL.  RMS.VEL.  REF.CFT.   TRN.LOSS

 0.9115      996.6     2479.5    2186.8    2220.5    -0.0253     0.1337
 0.9135      999.1     2523.4    2187.5    2221.2     0.0088     0.1338
 0.9155     1001.7     2525.1    2188.3    2221.9     0.0003     0.1338
 0.9175     1004.1     2476.8    2188.9    2222.5    -0.0097     0.1338
 0.9195     1006.6     2425.4    2189.4    2223.0    -0.0105     0.1339
 0.9215     1009.0     2423.1    2189.9    2223.4    -0.0005     0.1339
 0.9235     1011.4     2394.4    2190.3    2223.8    -0.0060     0.1340
 0.9255     1013.8     2386.5    2190.8    2224.2    -0.0017     0.1340
 0.9275     1016.2     2462.3    2191.4    2224.7     0.0156     0.1342
 0.9295     1018.7     2480.1    2192.0    2225.3     0.0036     0.1342
 0.9315     1021.2     2513.1    2192.7    2226.0     0.0066     0.1342
 0.9335     1023.8     2559.5    2193.5    2226.7     0.0091     0.1343
 0.9355     1026.3     2539.6    2194.2    2227.4    -0.0039     0.1343
 0.9375     1028.9     2526.9    2194.9    2228.1    -0.0025     0.1343
 0.9395     1031.3     2417.5    2195.4    2228.5    -0.0221     0.1347
 0.9415     1033.6     2307.3    2195.6    2228.7    -0.0233     0.1352
 0.9435     1036.0     2388.8    2196.0    2229.1     0.0174     0.1355
 0.9455     1038.4     2378.3    2196.4    2229.4    -0.0022     0.1355
 0.9475     1040.8     2444.4    2196.9    2229.9     0.0137     0.1356
 0.9495     1043.2     2402.7    2197.4    2230.2    -0.0086     0.1357
 0.9515     1045.7     2469.1    2197.9    2230.8     0.0136     0.1359
 0.9535     1048.1     2420.3    2198.4    2231.2    -0.0100     0.1360
 0.9555     1050.5     2406.8    2198.8    2231.6    -0.0028     0.1360
 0.9575     1052.9     2426.1    2199.3    2232.0     0.0040     0.1360
 0.9595     1055.4     2452.3    2199.8    2232.5     0.0054     0.1360
 0.9615     1057.9     2502.6    2200.5    2233.1     0.0102     0.1361
 0.9635     1060.4     2525.8    2201.1    2233.7     0.0046     0.1361
 0.9655     1062.9     2454.7    2201.7    2234.2    -0.0143     0.1363
 0.9675     1065.4     2538.4    2202.4    2234.9     0.0167     0.1365
 0.9695     1067.9     2550.2    2203.1    2235.6     0.0023     0.1365
 0.9715     1070.6     2613.9    2203.9    2236.4     0.0123     0.1367
 0.9735     1073.0     2474.2    2204.5    2236.9    -0.0275     0.1373
 0.9755     1075.5     2440.9    2205.0    2237.4    -0.0068     0.1373
 0.9775     1077.9     2423.6    2205.4    2237.8    -0.0036     0.1374
 0.9795     1080.4     2485.4    2206.0    2238.3     0.0126     0.1375
 0.9815     1082.8     2403.4    2206.4    2238.6    -0.0168     0.1377
 0.9835     1085.2     2383.8    2206.8    2238.9    -0.0041     0.1378
 0.9855     1087.6     2406.0    2207.2    2239.3     0.0046     0.1378
 0.9875     1090.0     2406.0    2207.6    2239.6     0.0000     0.1378
 0.9895     1092.4     2387.5    2207.9    2240.0    -0.0039     0.1378
 0.9915     1094.7     2372.5    2208.3    2240.2    -0.0032     0.1378
 0.9935     1097.1     2378.6    2208.6    2240.5     0.0013     0.1378
 0.9955     1099.5     2396.3    2209.0    2240.8     0.0037     0.1378
 0.9975     1102.1     2566.2    2209.7    2241.5     0.0342     0.1388
 0.9995     1104.7     2590.4    2210.5    2242.3     0.0047     0.1388
 1.0015     1107.3     2587.5    2211.2    2243.0    -0.0006     0.1388
 1.0035     1109.9     2630.3    2212.0    2243.9     0.0082     0.1389
 1.0055     1112.6     2717.6    2213.1    2244.9     0.0163     0.1391
 1.0075     1115.4     2818.5    2214.3    2246.2     0.0182     0.1394
 1.0095     1118.2     2727.9    2215.3    2247.3    -0.0163     0.1396
 1.0115     1120.8     2618.3    2216.1    2248.1    -0.0205     0.1400
 1.0135     1123.3     2566.7    2216.8    2248.7    -0.0100     0.1401
 1.0155     1125.9     2584.0    2217.5    2249.4     0.0034     0.1401
 1.0175     1128.5     2596.7    2218.2    2250.2     0.0025     0.1401
 1.0195     1131.1     2595.7    2219.0    2250.9    -0.0002     0.1401
 1.0215     1133.7     2588.5    2219.7    2251.6    -0.0014     0.1401
 1.0235     1136.2     2516.5    2220.3    2252.2    -0.0141     0.1403
 1.0255     1138.8     2530.6    2220.9    2252.7     0.0028     0.1403
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  TIME       DEPTH     INT.VEL.  AVG.VEL.  RMS.VEL.  REF.CFT.   TRN.LOSS
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 1.0275     1141.3     2528.1     2221.5     2253.3     -0.0005     0.1403
 1.0295     1143.9     2579.9     2222.2     2254.0      0.0101     0.1404
 1.0315     1146.4     2577.8     2222.9     2254.7     -0.0004     0.1404
 1.0335     1149.0     2595.2     2223.6     2255.4      0.0034     0.1404
 1.0355     1151.6     2610.6     2224.3     2256.1      0.0030     0.1404
 1.0375     1154.3     2621.9     2225.1     2256.9      0.0021     0.1404
 1.0395     1156.9     2606.0     2225.8     2257.6     -0.0030     0.1404
 1.0415     1159.5     2597.8     2226.5     2258.3     -0.0016     0.1404
 1.0435     1162.1     2656.7     2227.4     2259.1      0.0112     0.1405
 1.0455     1164.8     2710.0     2228.3     2260.1      0.0099     0.1406
 1.0475     1167.5     2633.8     2229.1     2260.8     -0.0143     0.1408
 1.0495     1170.1     2639.4     2229.8     2261.6      0.0011     0.1408
 1.0515     1172.7     2622.3     2230.6     2262.4     -0.0032     0.1408
 1.0535     1175.4     2621.2     2231.3     2263.1     -0.0002     0.1408
 1.0555     1178.0     2668.9     2232.2     2263.9      0.0090     0.1408
 1.0575     1180.5     2471.3     2232.6     2264.3     -0.0384     0.1421
 1.0595     1182.9     2420.8     2233.0     2264.7     -0.0103     0.1422
 1.0615     1185.3     2412.0     2233.3     2264.9     -0.0018     0.1422
 1.0635     1187.7     2360.4     2233.5     2265.1     -0.0108     0.1423
 1.0655     1190.0     2312.7     2233.7     2265.2     -0.0102     0.1424
 1.0675     1192.5     2508.8     2234.2     2265.7      0.0407     0.1438
 1.0695     1195.1     2559.6     2234.8     2266.3      0.0100     0.1439
 1.0715     1197.6     2497.1     2235.3     2266.7     -0.0124     0.1440
 1.0735     1200.1     2532.6     2235.9     2267.3      0.0071     0.1441
 1.0755     1202.7     2573.6     2236.5     2267.9      0.0080     0.1441
 1.0775     1205.3     2591.1     2237.1     2268.5      0.0034     0.1441
 1.0795     1207.8     2518.6     2237.7     2269.0     -0.0142     0.1443
 1.0815     1210.4     2666.5     2238.5     2269.8      0.0285     0.1450
 1.0835     1213.1     2649.8     2239.2     2270.6     -0.0031     0.1450
 1.0855     1215.9     2801.1     2240.3     2271.6      0.0277     0.1457
 1.0875     1218.6     2738.3     2241.2     2272.6     -0.0113     0.1458
 1.0895     1221.3     2619.8     2241.9     2273.3     -0.0221     0.1462
 1.0915     1223.9     2685.3     2242.7     2274.1      0.0124     0.1463
 1.0935     1226.6     2664.7     2243.5     2274.9     -0.0039     0.1464
 1.0955     1229.3     2741.4     2244.4     2275.8      0.0142     0.1465
 1.0975     1232.1     2709.9     2245.2     2276.7     -0.0058     0.1466
 1.0995     1234.8     2734.4     2246.1     2277.6      0.0045     0.1466
 1.1015     1237.6     2776.5     2247.1     2278.6      0.0076     0.1466
 1.1035     1240.3     2734.7     2247.9     2279.5     -0.0076     0.1467
 1.1055     1243.0     2681.7     2248.7     2280.3     -0.0098     0.1468
 1.1075     1245.5     2544.8     2249.3     2280.8     -0.0262     0.1473
 1.1095     1248.0     2463.5     2249.7     2281.2     -0.0162     0.1476
 1.1115     1250.4     2442.3     2250.0     2281.5     -0.0043     0.1476
 1.1135     1253.0     2529.9     2250.5     2281.9      0.0176     0.1478
 1.1155     1255.5     2562.2     2251.1     2282.5      0.0063     0.1479
 1.1175     1258.4     2879.7     2252.2     2283.7      0.0583     0.1508
 1.1195     1261.4     3001.3     2253.5     2285.1      0.0207     0.1511
 1.1215     1264.4     2984.8     2254.8     2286.6     -0.0028     0.1511
 1.1235     1267.5     3121.1     2256.4     2288.3      0.0223     0.1516
 1.1255     1270.5     2963.4     2257.6     2289.7     -0.0259     0.1521
 1.1275     1273.6     3174.0     2259.3     2291.6      0.0343     0.1531
 1.1295     1276.5     2888.6     2260.4     2292.8     -0.0471     0.1550
 1.1315     1279.3     2730.0     2261.2     2293.6     -0.0282     0.1557
 1.1335     1282.1     2863.6     2262.3     2294.8      0.0239     0.1562
 1.1355     1284.9     2769.3     2263.2     2295.7     -0.0167     0.1564
 1.1375     1287.7     2752.8     2264.0     2296.6     -0.0030     0.1564
 1.1395     1290.4     2774.9     2264.9     2297.5      0.0040     0.1564
 1.1415     1293.2     2730.3     2265.7     2298.3     -0.0081     0.1565
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   TIME      DEPTH      INT.VEL.   AVG.VEL.   RMS.VEL.   REF.CFT.    TRN.LOSS

 1.1435     1295.8     2634.2     2266.4     2299.0     -0.0179     0.1568
 1.1455     1298.5     2667.5     2267.1     2299.6      0.0063     0.1568
 1.1475     1301.3     2847.1     2268.1     2300.7      0.0326     0.1577
 1.1495     1304.0     2679.5     2268.8     2301.4     -0.0303     0.1585
 1.1515     1306.7     2717.3     2269.6     2302.2      0.0070     0.1585
 1.1535     1309.5     2779.7     2270.5     2303.1      0.0113     0.1586
 1.1555     1312.2     2757.5     2271.3     2304.0     -0.0040     0.1586
 1.1575     1315.0     2736.1     2272.1     2304.8     -0.0039     0.1586
 1.1595     1317.7     2718.8     2272.9     2305.6     -0.0032     0.1586
 1.1615     1320.5     2800.9     2273.8     2306.5      0.0149     0.1588
 1.1635     1323.3     2761.6     2274.6     2307.4     -0.0071     0.1589
 1.1655     1326.1     2809.1     2275.5     2308.3      0.0086     0.1589
 1.1675     1328.8     2774.1     2276.4     2309.2     -0.0063     0.1590
 1.1695     1331.6     2756.0     2277.2     2310.1     -0.0033     0.1590
 1.1715     1334.3     2685.3     2277.9     2310.8     -0.0130     0.1591
 1.1735     1337.1     2772.0     2278.8     2311.6      0.0159     0.1593
 1.1755     1339.8     2757.0     2279.6     2312.4     -0.0027     0.1593
 1.1775     1342.5     2696.0     2280.3     2313.2     -0.0112     0.1594
 1.1795     1345.2     2679.2     2281.0     2313.8     -0.0031     0.1594
 1.1815     1347.9     2738.3     2281.7     2314.6      0.0109     0.1595
 1.1835     1350.7     2803.9     2282.6     2315.5      0.0118     0.1597
 1.1855     1353.5     2773.6     2283.4     2316.4     -0.0054     0.1597
 1.1875     1356.3     2821.3     2284.3     2317.3      0.0085     0.1597
 1.1895     1359.2     2875.0     2285.3     2318.4      0.0094     0.1598
 1.1915     1362.0     2752.5     2286.1     2319.2     -0.0218     0.1602
 1.1935     1364.7     2791.2     2287.0     2320.0      0.0070     0.1603
 1.1955     1367.5     2767.0     2287.8     2320.9     -0.0043     0.1603
 1.1975     1370.4     2844.8     2288.7     2321.8      0.0139     0.1604
 1.1995     1373.2     2869.8     2289.7     2322.8      0.0044     0.1605
 1.2015     1376.0     2818.8     2290.6     2323.8     -0.0090     0.1605
 1.2035     1379.0     2914.3     2291.6     2324.9      0.0167     0.1608
 1.2055     1381.6     2656.2     2292.2     2325.5     -0.0463     0.1626
 1.2075     1384.4     2781.2     2293.0     2326.3      0.0230     0.1630
 1.2095     1387.3     2877.6     2294.0     2327.3      0.0170     0.1632
 1.2115     1390.2     2938.9     2295.0     2328.4      0.0105     0.1633
 1.2135     1393.1     2879.7     2296.0     2329.5     -0.0102     0.1634
 1.2155     1396.0     2882.4     2297.0     2330.5      0.0005     0.1634
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 1.2175     1398.7     2686.8     2297.6     2331.1     -0.0351     0.1645
 1.2195     1401.4     2749.4     2298.3     2331.9     -0.0115     0.1646
 1.2215     1404.1     2668.2     2298.9     2332.4     -0.0150     0.1648
 1.2235     1406.8     2725.3     2299.6     2333.1      0.0106     0.1648
 1.2255     1409.6     2812.5     2300.5     2334.0      0.0158     0.1651
 1.2275     1412.5     2840.4     2301.4     2334.9      0.0049     0.1651
 1.2295     1415.3     2865.3     2302.3     2335.9      0.0044     0.1651
 1.2315     1418.1     2784.1     2303.1     2336.7     -0.0144     0.1653
 1.2335     1420.9     2798.0     2303.9     2337.5      0.0025     0.1653
 1.2355     1423.6     2658.2     2304.4     2338.1     -0.0256     0.1658
 1.2375     1426.4     2833.7     2305.3     2338.9      0.0319     0.1667
 1.2395     1429.3     2856.8     2306.2     2339.9      0.0041     0.1667
 1.2415     1432.1     2814.1     2307.0     2340.7     -0.0075     0.1667
 1.2435     1434.8     2774.6     2307.8     2341.5     -0.0071     0.1668
 1.2455     1437.6     2791.8     2308.5     2342.3      0.0031     0.1668
 1.2475     1440.5     2877.8     2309.4     2343.2      0.0152     0.1670
 1.2495     1443.5     2994.3     2310.5     2344.4      0.0198     0.1673
 1.2515     1446.4     2927.3     2311.5     2345.5     -0.0113     0.1674
 1.2535     1449.3     2913.6     2312.5     2346.5     -0.0023     0.1674
 1.2555     1452.3     2947.1     2313.5     2347.5      0.0057     0.1674
 1.2575     1455.2     2919.6     2314.5     2348.6     -0.0047     0.1675
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  TIME      DEPTH      INT.VEL.   AVG.VEL.   RMS.VEL.   REF.CFT.    TRN.LOSS

 1.2595     1458.2     2944.6     2315.5     2349.6      0.0043     0.1675
 1.2615     1461.0     2857.1     2316.3     2350.5     -0.0151     0.1677
 1.2635     1463.9     2880.3     2317.2     2351.5      0.0040     0.1677
 1.2655     1466.8     2913.6     2318.2     2352.5      0.0058     0.1677
 1.2675     1469.8     3032.3     2319.3     2353.7      0.0200     0.1680
 1.2695     1472.8     2999.7     2320.4     2354.8     -0.0054     0.1681
 1.2715     1475.7     2875.8     2321.2     2355.7     -0.0211     0.1684
 1.2735     1478.6     2917.2     2322.2     2356.7      0.0071     0.1685
 1.2755     1481.6     2954.6     2323.2     2357.8      0.0064     0.1685
 1.2775     1484.5     2922.0     2324.1     2358.8     -0.0055     0.1685
 1.2795     1487.4     2937.4     2325.1     2359.8      0.0026     0.1685
 1.2815     1490.3     2890.3     2325.9     2360.7     -0.0081     0.1686
 1.2835     1493.3     2921.1     2326.9     2361.7      0.0053     0.1686
 1.2855     1496.2     2938.3     2327.8     2362.7      0.0029     0.1686
 1.2875     1499.0     2804.5     2328.6     2363.4     -0.0233     0.1691
 1.2895     1501.8     2775.4     2329.2     2364.1     -0.0052     0.1691
 1.2915     1504.5     2713.3     2329.8     2364.7     -0.0113     0.1692
 1.2935     1507.5     2983.9     2330.9     2365.8      0.0475     0.1711
 1.2955     1510.5     3007.2     2331.9     2366.9      0.0039     0.1711
 1.2975     1513.4     2922.4     2332.8     2367.9     -0.0143     0.1713
 1.2995     1516.3     2926.7     2333.7     2368.8      0.0007     0.1713
 1.3015     1519.1     2809.0     2334.5     2369.6     -0.0205     0.1716
 1.3035     1521.9     2784.1     2335.1     2370.3     -0.0045     0.1716
 1.3055     1524.8     2881.6     2336.0     2371.1      0.0172     0.1719
 1.3075     1527.6     2807.5     2336.7     2371.9     -0.0130     0.1720
 1.3095     1530.6     3007.5     2337.7     2373.0      0.0344     0.1730
 1.3115     1533.6     3017.3     2338.8     2374.1      0.0016     0.1730
 1.3135     1536.6     2933.5     2339.7     2375.0     -0.0141     0.1732
 1.3155     1539.5     2930.5     2340.6     2376.0     -0.0005     0.1732
 1.3175     1542.3     2792.0     2341.2     2376.7     -0.0242     0.1736
 1.3195     1545.2     2860.0     2342.0     2377.5      0.0120     0.1738
 1.3215     1548.1     2920.7     2342.9     2378.4      0.0105     0.1738
 1.3235     1551.0     2887.0     2343.7     2379.2     -0.0058     0.1739
 1.3255     1553.9     2909.3     2344.6     2380.1      0.0039     0.1739
 1.3275     1556.7     2865.8     2345.4     2380.9     -0.0075     0.1739
 1.3295     1559.6     2884.1     2346.2     2381.8      0.0032     0.1739
 1.3315     1562.7     3040.2     2347.2     2382.9      0.0264     0.1745
 1.3335     1565.6     2904.0     2348.1     2383.8     -0.0229     0.1749
 1.3355     1568.7     3167.9     2349.3     2385.1      0.0435     0.1765
 1.3375     1571.6     2881.8     2350.1     2386.0     -0.0473     0.1783
 1.3395     1574.6     2976.2     2351.0     2386.9      0.0161     0.1786
 1.3415     1577.6     2991.1     2352.0     2388.0      0.0025     0.1786
 1.3435     1580.6     3014.6     2353.0     2389.0      0.0039     0.1786
 1.3455     1583.4     2808.9     2353.6     2389.7     -0.0353     0.1796
 1.3475     1586.4     2952.1     2354.5     2390.6      0.0249     0.1801
 1.3495     1589.3     2914.1     2355.4     2391.5     -0.0065     0.1801
 1.3515     1592.2     2933.9     2356.2     2392.4      0.0034     0.1802
 1.3535     1595.2     2964.4     2357.1     2393.3      0.0052     0.1802
 1.3555     1598.1     2902.5     2357.9     2394.2     -0.0105     0.1803
 1.3575     1601.1     3018.8     2358.9     2395.2      0.0196     0.1806
 1.3595     1603.9     2773.2     2359.5     2395.8     -0.0424     0.1821
 1.3615     1606.9     3046.2     2360.5     2396.9      0.0469     0.1839
 1.3635     1609.6     2724.2     2361.0     2397.4     -0.0558     0.1864
 1.3655     1612.4     2780.3     2361.7     2398.0      0.0102     0.1865
 1.3675     1615.3     2927.2     2362.5     2398.9      0.0257     0.1870
 1.3695     1618.4     3063.4     2363.5     2400.0      0.0227     0.1874
 1.3715     1621.3     2900.6     2364.3     2400.8     -0.0273     0.1880
 1.3735     1624.1     2777.7     2364.9     2401.4     -0.0216     0.1884
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  TIME      DEPTH      INT.VEL.   AVG.VEL.   RMS.VEL.   REF.CFT.    TRN.LOSS
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 1.3755     1627.1     3050.7     2365.9     2402.4      0.0468     0.1902
 1.3775     1630.1     2939.1     2366.7     2403.3     -0.0186     0.1905
 1.3795     1632.9     2860.5     2367.4     2404.0     -0.0136     0.1906
 1.3815     1635.8     2856.4     2368.1     2404.7     -0.0007     0.1906
 1.3835     1638.7     2947.2     2369.0     2405.6      0.0156     0.1908
 1.3855     1641.7     2919.8     2369.8     2406.4     -0.0047     0.1909
 1.3875     1644.5     2863.9     2370.5     2407.2     -0.0097     0.1909
 1.3895     1647.3     2787.3     2371.1     2407.8     -0.0136     0.1911
 1.3915     1650.5     3171.7     2372.2     2409.0      0.0645     0.1944
 1.3935     1653.3     2804.0     2372.9     2409.6     -0.0615     0.1975
 1.3955     1656.0     2766.8     2373.4     2410.2     -0.0067     0.1975
 1.3975     1658.9     2840.7     2374.1     2410.9      0.0132     0.1977
 1.3995     1661.8     2876.9     2374.8     2411.6      0.0063     0.1977
 1.4015     1664.5     2762.9     2375.4     2412.1     -0.0202     0.1980
 1.4035     1667.4     2877.6     2376.1     2412.9      0.0203     0.1984
 1.4055     1670.4     2948.0     2376.9     2413.7      0.0121     0.1985
 1.4075     1673.2     2893.7     2377.6     2414.4     -0.0093     0.1985
 1.4095     1676.0     2744.3     2378.1     2414.9     -0.0265     0.1991
 1.4115     1679.0     3031.3     2379.1     2415.9      0.0497     0.2011
 1.4135     1682.0     2985.1     2379.9     2416.8     -0.0077     0.2011
 1.4155     1684.9     2870.6     2380.6     2417.5     -0.0196     0.2014
 1.4175     1687.8     2925.3     2381.4     2418.3      0.0094     0.2015
 1.4195     1690.7     2938.5     2382.2     2419.1      0.0022     0.2015
 1.4215     1693.7     2915.0     2382.9     2419.9     -0.0040     0.2015
 1.4235     1696.6     2896.0     2383.6     2420.6     -0.0033     0.2015
 1.4255     1699.4     2883.1     2384.3     2421.4     -0.0022     0.2015
 1.4275     1702.3     2911.8     2385.1     2422.1      0.0050     0.2016
 1.4295     1705.3     2985.9     2385.9     2423.0      0.0126     0.2017
 1.4315     1708.2     2858.9     2386.6     2423.7     -0.0217     0.2021
 1.4335     1711.2     2970.5     2387.4     2424.5      0.0191     0.2024
 1.4355     1714.2     3022.5     2388.3     2425.4      0.0087     0.2024
 1.4375     1717.4     3185.8     2389.4     2426.7      0.0263     0.2030
 1.4395     1720.5     3126.6     2390.4     2427.8     -0.0094     0.2030
 1.4415     1723.3     2753.9     2390.9     2428.3     -0.0634     0.2062
 1.4435     1726.0     2783.7     2391.5     2428.8      0.0054     0.2063
 1.4455     1729.0     2954.3     2392.2     2429.6      0.0297     0.2070
 1.4475     1731.9     2945.2     2393.0     2430.4     -0.0015     0.2070
 1.4495     1734.7     2730.5     2393.5     2430.8     -0.0378     0.2081
 1.4515     1737.7     3008.8     2394.3     2431.7      0.0485     0.2100
 1.4535     1740.4     2728.9     2394.8     2432.1     -0.0488     0.2118
 1.4555     1743.4     2965.7     2395.6     2433.0      0.0416     0.2132
 1.4575     1746.2     2869.9     2396.2     2433.6     -0.0164     0.2134
 1.4595     1749.1     2884.2     2396.9     2434.3      0.0025     0.2134
 1.4615     1751.9     2753.7     2397.4     2434.7     -0.0231     0.2138
 1.4635     1755.0     3149.7     2398.4     2435.9      0.0671     0.2174
 1.4655     1757.9     2885.0     2399.1     2436.5     -0.0439     0.2189
 1.4675     1761.0     3047.4     2400.0     2437.5      0.0274     0.2195
 1.4695     1763.8     2869.4     2400.6     2438.1     -0.0301     0.2202
 1.4715     1766.7     2900.1     2401.3     2438.8      0.0053     0.2202
 1.4735     1769.6     2865.0     2401.9     2439.4     -0.0061     0.2202
 1.4755     1772.6     3008.2     2402.7     2440.3      0.0244     0.2207
 1.4775     1775.5     2942.1     2403.5     2441.0     -0.0111     0.2208
 1.4795     1778.4     2903.5     2404.1     2441.7     -0.0066     0.2208
 1.4815     1781.2     2744.3     2404.6     2442.2     -0.0282     0.2214
 1.4835     1784.1     2863.8     2405.2     2442.8      0.0213     0.2218
 1.4855     1786.9     2837.1     2405.8     2443.4     -0.0047     0.2218
 1.4875     1789.7     2804.0     2406.3     2443.9     -0.0059     0.2218
 1.4895     1792.5     2759.9     2406.8     2444.3     -0.0079     0.2219
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   TIME      DEPTH      INT.VEL.   AVG.VEL.   RMS.VEL.   REF.CFT.   TRN.LOSS

 1.4915     1795.5     2997.4     2407.6     2445.1      0.0412     0.2232
 1.4935     1798.3     2809.2     2408.1     2445.7     -0.0324     0.2240
 1.4955     1801.1     2814.4     2408.7     2446.2      0.0009     0.2240
 1.4975     1803.8     2760.0     2409.1     2446.6     -0.0097     0.2241
 1.4995     1806.6     2755.8     2409.6     2447.1     -0.0008     0.2241
 1.5015     1809.5     2880.5     2410.2     2447.7      0.0221     0.2245
 1.5035     1812.6     3091.2     2411.1     2448.7      0.0353     0.2254
 1.5055     1815.5     2944.5     2411.8     2449.4     -0.0243     0.2259
 1.5075     1818.4     2914.6     2412.5     2450.1     -0.0051     0.2259
 1.5095     1821.4     2943.4     2413.2     2450.8      0.0049     0.2259
 1.5115     1824.3     2965.4     2413.9     2451.6      0.0037     0.2260
 1.5135     1827.3     2943.6     2414.6     2452.3     -0.0037     0.2260
 1.5155     1830.2     2905.7     2415.3     2452.9     -0.0065     0.2260
 1.5175     1833.0     2838.5     2415.9     2453.5     -0.0117     0.2261
 1.5195     1835.9     2893.0     2416.5     2454.1      0.0095     0.2262
 1.5215     1838.9     3020.7     2417.3     2454.9      0.0216     0.2265
 1.5235     1841.9     3018.0     2418.1     2455.8     -0.0004     0.2265
 1.5255     1844.9     2977.1     2418.8     2456.5     -0.0068     0.2266
 1.5275     1847.8     2852.7     2419.4     2457.1     -0.0213     0.2269
 1.5295     1850.7     2871.0     2420.0     2457.7      0.0032     0.2269
 1.5315     1853.5     2888.3     2420.6     2458.3      0.0030     0.2269
 1.5335     1856.4     2824.7     2421.1     2458.8     -0.0111     0.2270
 1.5355     1859.2     2869.4     2421.7     2459.4      0.0078     0.2271
 1.5375     1862.1     2909.5     2422.3     2460.0      0.0069     0.2271
 1.5395     1865.1     2996.9     2423.1     2460.8      0.0148     0.2273
 1.5415     1868.2     3098.7     2423.9     2461.7      0.0167     0.2275
 1.5435     1871.1     2905.9     2424.6     2462.3     -0.0321     0.2283
 1.5455     1874.1     2934.2     2425.2     2463.0      0.0048     0.2283
 1.5475     1877.1     3019.9     2426.0     2463.8      0.0144     0.2285
 1.5495     1880.1     2960.0     2426.7     2464.5     -0.0100     0.2286
 1.5515     1883.1     2993.7     2427.4     2465.3      0.0057     0.2286
 1.5535     1886.0     2988.2     2428.1     2466.0     -0.0009     0.2286
 1.5555     1889.1     3032.6     2428.9     2466.8      0.0074     0.2286
 1.5575     1892.0     2950.8     2429.6     2467.5     -0.0137     0.2288
 1.5595     1895.1     3108.1     2430.4     2468.4      0.0259     0.2293
 1.5615     1898.2     3065.6     2431.3     2469.3     -0.0069     0.2293
 1.5635     1901.3     3077.2     2432.1     2470.2      0.0019     0.2293
 1.5655     1904.4     3119.2     2433.0     2471.1      0.0068     0.2294
 1.5675     1907.4     2960.9     2433.6     2471.8     -0.0260     0.2299
 1.5695     1910.4     3053.5     2434.4     2472.6      0.0154     0.2301
 1.5715     1913.3     2909.5     2435.0     2473.2     -0.0242     0.2305
 1.5735     1916.3     2983.1     2435.7     2473.9      0.0125     0.2306
 1.5755     1919.3     2962.0     2436.4     2474.6     -0.0036     0.2306
 1.5775     1922.2     2933.1     2437.0     2475.3     -0.0049     0.2307
 1.5795     1925.1     2891.8     2437.6     2475.8     -0.0071     0.2307
 1.5815     1928.0     2884.6     2438.2     2476.4     -0.0012     0.2307
 1.5835     1930.9     2916.5     2438.8     2477.0      0.0055     0.2307
 1.5855     1933.8     2928.0     2439.4     2477.6      0.0020     0.2307
 1.5875     1936.7     2927.8     2440.0     2478.2      0.0000     0.2307
 1.5895     1939.7     2909.7     2440.6     2478.8     -0.0031     0.2307
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  1.5915     1942.8     3104.7     2441.4     2479.7      0.0324     0.2315
  1.5935     1945.9     3105.1     2442.3     2480.6      0.0001     0.2315
  1.5955     1949.0     3115.6     2443.1     2481.5      0.0017     0.2315
  1.5975     1952.0     3008.7     2443.8     2482.2     -0.0175     0.2318
  1.5995     1955.1     3075.2     2444.6     2483.0      0.0109     0.2319
  1.6015     1958.3     3278.6     2445.6     2484.2      0.0320     0.2327
  1.6035     1961.4     3097.3     2446.5     2485.1     -0.0284     0.2333
  1.6055     1964.5     3043.4     2447.2     2485.8     -0.0088     0.2333
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   TIME      DEPTH      INT.VEL.   AVG.VEL.   RMS.VEL.   REF.CFT.   TRN.LOSS

  1.6075     1967.6     3124.4     2448.0     2486.7      0.0131     0.2335
  1.6095     1970.8     3173.9     2448.9     2487.7      0.0078     0.2335
  1.6115     1973.9     3106.9     2449.8     2488.6     -0.0107     0.2336
  1.6135     1977.0     3095.9     2450.6     2489.4     -0.0018     0.2336
  1.6155     1980.2     3200.7     2451.5     2490.4      0.0167     0.2338
  1.6175     1983.2     3040.7     2452.2     2491.2     -0.0256     0.2343
  1.6195     1986.6     3420.2     2453.4     2492.5      0.0587     0.2370
  1.6215     1989.7     3017.1     2454.1     2493.2     -0.0626     0.2400
  1.6235     1992.7     3081.8     2454.9     2494.1      0.0106     0.2400
  1.6255     1995.9     3190.6     2455.8     2495.0      0.0173     0.2403
  1.6275     1999.1     3187.7     2456.7     2496.0     -0.0005     0.2403
  1.6295     2002.3     3206.6     2457.6     2497.0      0.0030     0.2403
  1.6315     2005.6     3312.5     2458.7     2498.2      0.0163     0.2405
  1.6335     2008.7     3108.3     2459.5     2499.0     -0.0318     0.2412
  1.6355     2011.9     3115.5     2460.3     2499.8      0.0012     0.2413
  1.6375     2015.2     3354.7     2461.3     2501.1      0.0370     0.2423
  1.6395     2018.5     3303.8     2462.4     2502.2     -0.0076     0.2423
  1.6415     2021.8     3287.0     2463.4     2503.3     -0.0025     0.2423
  1.6435     2024.9     3136.8     2464.2     2504.2     -0.0234     0.2428
  1.6455     2028.0     3065.8     2464.9     2504.9     -0.0114     0.2429
  1.6475     2031.1     3111.9     2465.7     2505.8      0.0074     0.2429
  1.6495     2034.4     3311.6     2466.7     2506.9      0.0311     0.2436
  1.6515     2037.7     3235.1     2467.7     2507.9     -0.0117     0.2437
  1.6535     2040.7     3060.1     2468.4     2508.6     -0.0278     0.2443
  1.6555     2044.2     3455.4     2469.6     2510.0      0.0607     0.2471
  1.6575     2047.3     3105.3     2470.4     2510.8     -0.0534     0.2492
  1.6595     2050.4     3125.0     2471.1     2511.6      0.0032     0.2492
  1.6615     2053.6     3139.7     2471.9     2512.5      0.0023     0.2492
  1.6635     2056.7     3140.4     2472.7     2513.3      0.0001     0.2492
  1.6655     2059.9     3223.9     2473.6     2514.3      0.0131     0.2494
  1.6675     2063.2     3236.6     2474.6     2515.3      0.0020     0.2494
  1.6695     2066.1     2979.0     2475.2     2515.9     -0.0414     0.2507
  1.6715     2069.4     3228.3     2476.1     2516.9      0.0402     0.2519
  1.6735     2072.5     3168.5     2476.9     2517.8     -0.0094     0.2519
  1.6755     2075.7     3174.4     2477.7     2518.7      0.0009     0.2519
  1.6775     2078.9     3165.6     2478.6     2519.5     -0.0014     0.2519
  1.6795     2082.0     3137.2     2479.3     2520.3     -0.0045     0.2520
  1.6815     2085.1     3075.0     2480.0     2521.1     -0.0100     0.2520
  1.6835     2088.3     3168.0     2480.9     2521.9      0.0149     0.2522
  1.6855     2091.3     3020.3     2481.5     2522.6     -0.0239     0.2526
  1.6875     2094.2     2962.0     2482.1     2523.2     -0.0098     0.2527
  1.6895     2097.5     3223.2     2482.9     2524.1      0.0422     0.2540
  1.6915     2100.6     3183.4     2483.8     2525.0     -0.0062     0.2541
  1.6935     2103.8     3160.0     2484.6     2525.8     -0.0037     0.2541
  1.6955     2106.9     3128.9     2485.3     2526.6     -0.0049     0.2541
  1.6975     2109.9     3004.9     2485.9     2527.2     -0.0202     0.2544
  1.6995     2113.0     3077.9     2486.6     2528.0      0.0120     0.2545
  1.7015     2116.1     3138.5     2487.4     2528.8      0.0097     0.2546
  1.7035     2119.1     2957.6     2488.0     2529.3     -0.0297     0.2552
  1.7055     2122.1     2954.9     2488.5     2529.9     -0.0005     0.2552
  1.7075     2125.0     2973.9     2489.1     2530.4      0.0032     0.2552
  1.7095     2128.1     3015.9     2489.7     2531.0      0.0070     0.2553
  1.7115     2131.2     3193.4     2490.5     2531.9      0.0286     0.2559
  1.7135     2134.3     3062.8     2491.2     2532.6     -0.0209     0.2562
  1.7155     2137.5     3166.1     2492.0     2533.4      0.0166     0.2564
  1.7175     2140.6     3119.4     2492.7     2534.2     -0.0074     0.2565
  1.7195     2143.7     3132.6     2493.4     2535.0      0.0021     0.2565
  1.7215     2146.9     3132.1     2494.2     2535.7     -0.0001     0.2565
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   TIME      DEPTH      INT.VEL.   AVG.VEL.   RMS.VEL.   REF.CFT.   TRN.LOSS

  1.7235     2150.0     3163.4     2495.0     2536.6      0.0050     0.2565
  1.7255     2153.4     3367.0     2496.0     2537.7      0.0312     0.2572
  1.7275     2156.4     3050.3     2496.6     2538.3     -0.0493     0.2590
  1.7295     2159.5     3015.7     2497.2     2538.9     -0.0057     0.2590
  1.7315     2162.5     3064.5     2497.9     2539.6      0.0080     0.2591
  1.7335     2165.6     3106.0     2498.6     2540.3      0.0067     0.2591
  1.7355     2168.6     3024.9     2499.2     2540.9     -0.0132     0.2592
  1.7375     2171.8     3166.3     2499.9     2541.8      0.0228     0.2596
  1.7395     2175.0     3190.7     2500.7     2542.6      0.0038     0.2596
  1.7415     2178.2     3205.9     2501.6     2543.5      0.0024     0.2596
  1.7435     2181.4     3160.2     2502.3     2544.3     -0.0072     0.2597
  1.7455     2184.6     3245.6     2503.2     2545.2      0.0133     0.2598
  1.7475     2187.9     3249.3     2504.0     2546.1      0.0006     0.2598
  1.7495     2191.0     3112.8     2504.7     2546.8     -0.0215     0.2602
  1.7515     2194.2     3178.3     2505.5     2547.6      0.0104     0.2602
  1.7535     2197.3     3177.5     2506.2     2548.4     -0.0001     0.2602
  1.7555     2200.5     3119.2     2506.9     2549.1     -0.0093     0.2603
  1.7575     2203.5     3088.9     2507.6     2549.8     -0.0049     0.2603
  1.7595     2206.7     3115.8     2508.3     2550.5      0.0043     0.2603
  1.7615     2209.8     3118.7     2509.0     2551.3      0.0005     0.2603
  1.7635     2212.9     3159.0     2509.7     2552.0      0.0064     0.2604
  1.7655     2216.2     3266.4     2510.6     2552.9      0.0167     0.2606
  1.7675     2219.7     3526.2     2511.7     2554.3      0.0382     0.2616
  1.7695     2223.1     3394.3     2512.7     2555.4     -0.0191     0.2619
  1.7715     2226.4     3285.0     2513.6     2556.3     -0.0164     0.2621
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1.7735     2229.6     3219.0     2514.4     2557.1     -0.0101      0.2622
1.7755     2232.6     3000.8     2514.9     2557.7     -0.0351      0.2631
1.7775     2235.7     3031.3     2515.5     2558.3      0.0051      0.2631
1.7795     2238.9     3276.2     2516.4     2559.2      0.0388      0.2642
1.7815     2242.2     3298.4     2517.3     2560.1      0.0034      0.2642
1.7835     2245.5     3302.8     2518.1     2561.1      0.0007      0.2642
1.7855     2248.8     3235.9     2518.9     2562.0     -0.0102      0.2643
1.7875     2252.2     3404.6     2519.9     2563.1      0.0254      0.2648
1.7895     2255.4     3236.6     2520.7     2563.9     -0.0253      0.2653
1.7915     2258.7     3255.4     2521.6     2564.8      0.0029      0.2653
1.7935     2261.8     3165.6     2522.3     2565.5     -0.0140      0.2654
1.7955     2265.0     3176.6     2523.0     2566.3      0.0017      0.2654
1.7975     2268.2     3201.9     2523.8     2567.1      0.0040      0.2654
1.7995     2271.4     3220.5     2524.5     2567.9      0.0029      0.2654
1.8015     2274.6     3140.9     2525.2     2568.6     -0.0125      0.2655
1.8035     2277.8     3212.0     2526.0     2569.4      0.0112      0.2656
1.8055     2281.0     3241.5     2526.8     2570.3      0.0046      0.2656
1.8075     2284.2     3184.4     2527.5     2571.0     -0.0089      0.2657
1.8095     2287.5     3262.0     2528.3     2571.9      0.0120      0.2658
1.8115     2290.7     3249.6     2529.1     2572.7     -0.0019      0.2658
1.8135     2294.0     3235.9     2529.9     2573.6     -0.0021      0.2658
1.8155     2297.2     3267.4     2530.7     2574.4      0.0048      0.2658
1.8175     2300.5     3296.7     2531.5     2575.3      0.0045      0.2659
1.8195     2303.8     3274.7     2532.4     2576.2     -0.0033      0.2659
1.8215     2306.9     3150.7     2533.0     2576.9     -0.0193      0.2661
1.8235     2310.1     3180.9     2533.7     2577.6      0.0048      0.2661
1.8255     2313.4     3222.9     2534.5     2578.4      0.0066      0.2662
1.8275     2316.5     3184.1     2535.2     2579.2     -0.0061      0.2662
1.8295     2319.9     3389.9     2536.1     2580.2      0.0313      0.2669
1.8315     2323.2     3278.9     2537.0     2581.1     -0.0167      0.2671
1.8335     2326.5     3259.8     2537.7     2581.9     -0.0029      0.2671
1.8355     2329.8     3287.2     2538.6     2582.8      0.0042      0.2671
1.8375     2333.0     3229.3     2539.3     2583.6     -0.0089      0.2672
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  TIME       DEPTH      INT.VEL.   AVG.VEL.   RMS.VEL.   REF.CFT.    TRN.LOSS

1.8395     2336.4     3428.0     2540.3     2584.6      0.0299      0.2679
1.8415     2339.9     3452.2     2541.3     2585.7      0.0035      0.2679
1.8435     2343.1     3238.6     2542.0     2586.5     -0.0319      0.2686
1.8455     2346.5     3357.0     2542.9     2587.5      0.0180      0.2689
1.8475     2349.8     3299.6     2543.7     2588.4     -0.0086      0.2689
1.8495     2353.1     3345.5     2544.6     2589.3      0.0069      0.2689
1.8515     2356.4     3301.8     2545.4     2590.2     -0.0066      0.2690
1.8535     2359.6     3208.5     2546.1     2590.9     -0.0143      0.2691
1.8555     2362.9     3321.1     2547.0     2591.8      0.0172      0.2693
1.8575     2366.3     3348.7     2547.8     2592.8      0.0041      0.2694
1.8595     2369.6     3281.5     2548.6     2593.6     -0.0101      0.2694
1.8615     2372.9     3295.2     2549.4     2594.5      0.0021      0.2694
1.8635     2376.2     3348.4     2550.3     2595.4      0.0080      0.2695
1.8655     2379.7     3468.3     2551.3     2596.5      0.0176      0.2697
1.8675     2383.3     3617.0     2552.4     2597.8      0.0210      0.2700
1.8695     2386.5     3256.4     2553.2     2598.6     -0.0525      0.2720
1.8715     2390.0     3404.3     2554.1     2599.6      0.0222      0.2724
1.8735     2393.3     3388.7     2555.0     2600.5     -0.0023      0.2724
1.8755     2396.8     3478.1     2555.9     2601.6      0.0130      0.2725
1.8775     2400.2     3379.9     2556.8     2602.6     -0.0143      0.2727
1.8795     2403.5     3343.1     2557.7     2603.5     -0.0055      0.2727
1.8815     2406.8     3227.3     2558.4     2604.2     -0.0176      0.2729
1.8835     2410.1     3338.7     2559.2     2605.1      0.0170      0.2731
1.8855     2413.5     3358.2     2560.0     2606.0      0.0029      0.2731
1.8875     2416.9     3442.4     2561.0     2607.1      0.0124      0.2732
1.8895     2420.4     3469.5     2561.9     2608.1      0.0039      0.2733
1.8915     2423.8     3398.2     2562.8     2609.1     -0.0104      0.2733
1.8935     2427.1     3345.5     2563.7     2610.0     -0.0078      0.2734
1.8955     2430.4     3278.6     2564.4     2610.8     -0.0101      0.2735
1.8975     2433.8     3353.3     2565.2     2611.7      0.0113      0.2735
1.8995     2437.1     3393.1     2566.1     2612.6      0.0059      0.2736
1.9015     2440.7     3562.8     2567.2     2613.8      0.0244      0.2740
1.9035     2444.0     3265.2     2567.9     2614.6     -0.0436      0.2754
1.9055     2447.3     3341.8     2568.7     2615.4      0.0116      0.2755
1.9075     2450.7     3388.2     2569.6     2616.4      0.0069      0.2755
1.9095     2454.2     3474.9     2570.5     2617.4      0.0126      0.2756
1.9115     2457.7     3482.5     2571.5     2618.5      0.0011      0.2756
1.9135     2461.1     3458.3     2572.4     2619.5     -0.0035      0.2756
1.9155     2464.6     3490.5     2573.4     2620.5      0.0046      0.2757
1.9175     2468.1     3477.6     2574.3     2621.6     -0.0019      0.2757
1.9195     2471.5     3447.1     2575.2     2622.6     -0.0044      0.2757
1.9215     2474.9     3389.0     2576.1     2623.5     -0.0085      0.2757
1.9235     2478.2     3227.6     2576.7     2624.2     -0.0244      0.2762
1.9255     2481.2     3054.2     2577.2     2624.7     -0.0276      0.2767
1.9275     2484.3     3079.9     2577.7     2625.2      0.0042      0.2767
1.9295     2487.6     3337.7     2578.5     2626.0      0.0402      0.2779
1.9315     2491.1     3517.9     2579.5     2627.1      0.0263      0.2784
1.9335     2494.7     3548.6     2580.5     2628.2      0.0044      0.2784
1.9355     2498.3     3588.9     2581.6     2629.4      0.0056      0.2784
1.9375     2501.8     3507.1     2582.5     2630.5     -0.0115      0.2785
1.9395     2505.2     3444.4     2583.4     2631.4     -0.0090      0.2786
1.9415     2508.7     3514.2     2584.4     2632.5      0.0100      0.2786
1.9435     2512.3     3509.1     2585.3     2633.5     -0.0007      0.2786
1.9455     2515.7     3439.5     2586.2     2634.5     -0.0100      0.2787
1.9475     2519.1     3366.7     2587.0     2635.4     -0.0107      0.2788
1.9495     2522.5     3475.1     2587.9     2636.3      0.0158      0.2790
1.9515     2526.1     3520.6     2588.9     2637.4      0.0065      0.2790
1.9535     2529.5     3470.7     2589.8     2638.4     -0.0071      0.2790
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  TIME       DEPTH      INT.VEL.   AVG.VEL.   RMS.VEL.   REF.CFT.    TRN.LOSS
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 1.9555    2532.9    3423.4    2590.6    2639.3   -0.0069    0.2791
 1.9575    2536.4    3403.1    2591.4    2640.2   -0.0030    0.2791
 1.9595    2539.9    3503.7    2592.4    2641.2    0.0146    0.2792
 1.9615    2543.4    3550.1    2593.3    2642.3    0.0066    0.2793
 1.9635    2546.8    3417.3    2594.2    2643.2   -0.0191    0.2795
 1.9655    2550.4    3571.3    2595.2    2644.3    0.0220    0.2799
 1.9675    2553.8    3375.0    2596.0    2645.2   -0.0283    0.2805
 1.9695    2557.2    3428.8    2596.8    2646.1    0.0079    0.2805
 1.9715    2560.6    3447.3    2597.7    2647.0    0.0027    0.2805
 1.9735    2564.1    3477.6    2598.6    2648.0    0.0044    0.2805
 1.9755    2567.6    3520.3    2599.5    2649.0    0.0061    0.2806
 1.9775    2571.2    3558.2    2600.5    2650.1    0.0053    0.2806
 1.9795    2574.8    3562.5    2601.4    2651.2    0.0006    0.2806
 1.9815    2578.4    3630.2    2602.5    2652.4    0.0094    0.2806
 1.9835    2582.0    3583.1    2603.5    2653.5   -0.0065    0.2807
 1.9855    2585.5    3569.4    2604.4    2654.5   -0.0019    0.2807
 1.9875    2589.2    3686.8    2605.5    2655.8    0.0162    0.2809
 1.9895    2592.8    3559.4    2606.5    2656.8   -0.0176    0.2811
 1.9915    2596.3    3530.1    2607.4    2657.9   -0.0041    0.2811
 1.9935    2599.9    3560.8    2608.4    2658.9    0.0043    0.2811
 1.9955    2603.5    3595.5    2609.4    2660.0    0.0048    0.2811
 1.9975    2607.0    3507.4    2610.3    2661.0   -0.0124    0.2812
 1.9995    2610.4    3392.6    2611.1    2661.8   -0.0166    0.2814
 2.0015    2613.7    3365.1    2611.8    2662.6   -0.0041    0.2814
 2.0035    2617.2    3469.3    2612.7    2663.6    0.0153    0.2816
 2.0055    2620.8    3594.3    2613.6    2664.7    0.0177    0.2818
 2.0075    2624.4    3555.3    2614.6    2665.7   -0.0055    0.2819
 2.0095    2628.0    3606.5    2615.6    2666.8    0.0072    0.2819
 2.0115    2631.5    3507.6    2616.5    2667.8   -0.0139    0.2820
 2.0135    2634.9    3459.1    2617.3    2668.7   -0.0070    0.2821
 2.0155    2638.4    3422.7    2618.1    2669.5   -0.0053    0.2821
 2.0175    2641.7    3366.3    2618.8    2670.3   -0.0083    0.2821
 2.0195    2645.1    3421.7    2619.6    2671.2    0.0082    0.2822
 2.0215    2648.7    3593.1    2620.6    2672.2    0.0244    0.2826
 2.0235    2652.3    3551.8    2621.5    2673.2   -0.0058    0.2826
 2.0255    2655.8    3511.8    2622.4    2674.2   -0.0057    0.2827
 2.0275    2659.5    3685.9    2623.4    2675.4    0.0242    0.2831
 2.0295    2663.2    3680.7    2624.5    2676.6   -0.0007    0.2831
 2.0315    2667.0    3787.2    2625.6    2677.9    0.0143    0.2832
 2.0335    2670.7    3754.5    2626.7    2679.1   -0.0043    0.2832
 2.0355    2674.3    3546.0    2627.6    2680.1   -0.0286    0.2838
 2.0375    2677.9    3616.3    2628.6    2681.2    0.0098    0.2839
 2.0395    2681.4    3572.6    2629.5    2682.2   -0.0061    0.2839
 2.0415    2685.0    3539.9    2630.4    2683.2   -0.0046    0.2839
 2.0435    2688.5    3531.8    2631.3    2684.2   -0.0011    0.2839
 2.0455    2692.0    3452.5    2632.1    2685.0   -0.0114    0.2840
 2.0475    2695.6    3641.9    2633.1    2686.1    0.0267    0.2845
 2.0495    2699.3    3660.0    2634.1    2687.3    0.0025    0.2845
 2.0515    2702.8    3502.3    2634.9    2688.2   -0.0220    0.2849
 2.0535    2706.4    3634.1    2635.9    2689.2    0.0185    0.2851
 2.0555    2710.0    3580.6    2636.8    2690.3   -0.0074    0.2852
 2.0575    2713.6    3562.3    2637.7    2691.2   -0.0026    0.2852
 2.0595    2717.2    3612.9    2638.7    2692.3    0.0070    0.2852
 2.0615    2720.9    3712.7    2639.7    2693.5    0.0136    0.2853
 2.0635    2724.6    3703.9    2640.8    2694.6   -0.0012    0.2853
 2.0655    2728.3    3726.1    2641.8    2695.8    0.0030    0.2854
 2.0675    2731.9    3621.9    2642.8    2696.9   -0.0142    0.2855
 2.0695    2735.5    3590.2    2643.7    2697.9   -0.0044    0.2855
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  TIME      DEPTH     INT.VEL.  AVG.VEL.  RMS.VEL.  REF.CFT.  TRN.LOSS

 2.0715    2739.2    3709.5    2644.7    2699.0    0.0164    0.2857
 2.0735    2743.1    3914.4    2645.9    2700.5    0.0269    0.2862
```