```
Dead/noisy cells:

   SL1-119 (C,547,17-04-3): 00 dead, 01 hot!, 05 warm, 00 null
   SL4-081 (B,250,13-08-2): 00 dead, 01 hot!, 07 warm, 00 null
   SL4-160 (C,418,16-07-2): 00 dead, 12 hot!, 00 warm, 00 null
   SL4-161 (C,418,16-07-2): 00 dead, 12 hot!, 00 warm, 00 null
   SL4-227 (D,579,18-17-3): 01 dead, 04 hot!, 00 warm, 00 null --> 5 HVD  1 TRK
   SL5-191 (C,407,15-09-3): 00 dead, 04 hot!, 05 warm, 00 null
   SL6-045 (A,070,01-10-2): 00 dead, 01 hot!, 06 warm, 00 null
   SL6-096 (B,236,03-14-0): 00 dead, 04 hot!, 03 warm, 05 null
   SL6-098 (B,237,03-14-1): 00 dead, 02 hot!, 06 warm, 04 null
   SL6-099 (B,237,03-14-1): 00 dead, 10 hot!, 01 warm, 01 null
   SL6-109 (B,242,03-13-2): 00 dead, 03 hot!, 05 warm, 03 null
   SL7-050 (A,089,01-03-1): 00 dead, 04 hot!, 05 warm, 00 null
   SL7-051 (A,089,01-03-1): 01 dead, 06 hot!, 05 warm, 00 null
   SL7-136 (B,232,03-18-0): 00 dead, 01 hot!, 04 warm, 00 null
   SL7-372 (D,658,08-02-2): 00 dead, 05 hot!, 02 warm, 02 null
   SL7-373 (D,658,08-02-2): 00 dead, 05 hot!, 03 warm, 01 null
   SL8-033 (A,038,10-05-2): 00 dead, 01 hot!, 08 warm, 00 null
   SL8-116 (A,192,13-19-0): 00 dead, 07 hot!, 02 warm, 00 null
   SL8-117 (A,192,13-19-0): 00 dead, 10 hot!, 02 warm, 00 null
   SL8-118 (A,193,13-19-1): 00 dead, 09 hot!, 03 warm, 00 null
   SL8-119 (A,193,13-19-1): 00 dead, 01 hot!, 04 warm, 00 null
   SL8-153 (B,230,13-15-2): 00 dead, 01 hot!, 08 warm, 00 null
   SL8-197 (B,320,15-18-0): 00 dead, 04 hot!, 08 warm, 00 null
   SL8-199 (B,321,15-18-1): 03 dead, 00 hot!, 01 warm, 00 null
   SL8-271 (C,429,16-16-1): 00 dead, 01 hot!, 10 warm, 00 null
   SL8-289 (C,438,16-14-2): 00 dead, 01 hot!, 06 warm, 00 null
   SL8-363 (D,583,18-09-3): 00 dead, 04 hot!, 08 warm, 00 null
   SL8-396 (D,664,18-04-0): 00 dead, 01 hot!, 07 warm, 00 null
   SL8-401 (D,666,18-04-2): 00 dead, 02 hot!, 05 warm, 01 null

   Total = 29

NULL noise cells:

   SL5-220 (C,518,17-13-2): 00 dead, 00 hot!, 00 warm, 05 null
   SL5-221 (C,518,17-13-2): 00 dead, 00 hot!, 01 warm, 09 null
   SL6-000 (A,008,00-07-0): 00 dead, 00 hot!, 00 warm, 09 null
   SL6-097 (B,236,03-14-0): 00 dead, 00 hot!, 01 warm, 11 null
   SL6-100 (B,238,03-14-2): 00 dead, 00 hot!, 00 warm, 04 null
   SL6-104 (B,240,03-13-0): 00 dead, 00 hot!, 00 warm, 10 null
   SL6-105 (B,240,03-13-0): 00 dead, 01 hot!, 00 warm, 10 null
   SL6-108 (B,242,03-13-2): 00 dead, 00 hot!, 04 warm, 06 null
   SL6-179 (B,361,05-15-1): 00 dead, 02 hot!, 00 warm, 03 null
   SL6-336 (D,680,09-09-0): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-337 (D,680,09-09-0): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-338 (D,681,09-09-1): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-339 (D,681,09-09-1): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-340 (D,682,09-09-2): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-341 (D,682,09-09-2): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-342 (D,683,09-09-3): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-343 (D,683,09-09-3): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-344 (D,684,09-08-0): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-345 (D,684,09-08-0): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-346 (D,685,09-08-1): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-347 (D,685,09-08-1): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-348 (D,686,09-08-2): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-349 (D,686,09-08-2): 00 dead, 00 hot!, 01 warm, 11 null
   SL6-350 (D,687,09-08-3): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-351 (D,687,09-08-3): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-352 (D,704,09-07-0): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-353 (D,704,09-07-0): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-354 (D,705,09-07-1): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-355 (D,705,09-07-1): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-356 (D,706,09-07-2): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-357 (D,706,09-07-2): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-358 (D,707,09-07-3): 01 dead, 00 hot!, 00 warm, 11 null
   SL6-359 (D,707,09-07-3): 01 dead, 00 hot!, 00 warm, 11 null
   SL6-360 (D,748,00-10-0): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-361 (D,748,00-10-0): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-362 (D,749,00-10-1): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-363 (D,749,00-10-1): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-364 (D,750,00-10-2): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-365 (D,750,00-10-2): 00 dead, 01 hot!, 00 warm, 11 null
   SL6-366 (D,751,00-10-3): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-367 (D,751,00-10-3): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-368 (D,752,00-09-0): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-369 (D,752,00-09-0): 00 dead, 00 hot!, 01 warm, 11 null
   SL6-370 (D,753,00-09-1): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-371 (D,753,00-09-1): 00 dead, 00 hot!, 01 warm, 11 null
   SL6-372 (D,754,00-09-2): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-373 (D,754,00-09-2): 00 dead, 01 hot!, 00 warm, 11 null
   SL6-374 (D,755,00-09-3): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-375 (D,755,00-09-3): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-376 (D,760,00-08-0): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-377 (D,760,00-08-0): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-378 (D,761,00-08-1): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-379 (D,761,00-08-1): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-380 (D,762,00-08-2): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-381 (D,762,00-08-2): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-382 (D,763,00-08-3): 00 dead, 00 hot!, 00 warm, 12 null
   SL6-383 (D,763,00-08-3): 00 dead, 00 hot!, 00 warm, 12 null
   SL7-016 (A,032,01-07-0): 00 dead, 00 hot!, 01 warm, 05 null
   SL7-017 (A,032,01-07-0): 00 dead, 00 hot!, 00 warm, 08 null
   SL7-092 (A,166,02-04-2): 00 dead, 00 hot!, 00 warm, 03 null
   SL7-093 (A,166,02-04-2): 00 dead, 00 hot!, 01 warm, 05 null
   SL7-142 (B,235,03-18-3): 00 dead, 00 hot!, 06 warm, 03 null
   SL7-344 (D,632,08-05-0): 00 dead, 00 hot!, 01 warm, 04 null
   SL7-345 (D,632,08-05-0): 00 dead, 00 hot!, 00 warm, 06 null
   SL7-378 (D,693,09-06-1): 00 dead, 00 hot!, 01 warm, 10 null
   SL7-379 (D,693,09-06-1): 00 dead, 00 hot!, 06 warm, 05 null
   SL8-123 (B,195,13-19-3): 00 dead, 00 hot!, 00 warm, 10 null

   Total = 67

Bad time cells:

   SL4-068 (A,212,13-09-0): T = 429.6 (439.3+/-4.5) -9.7
   SL4-069 (A,212,13-09-0): T = 430.0 (439.3+/-4.5) -9.2
   SL4-070 (A,213,13-09-1): T = 430.4 (439.3+/-4.5) -8.8
   SL4-071 (A,213,13-09-1): T = 431.3 (439.3+/-4.5) -7.9
   SL4-072 (B,214,13-09-2): T = 431.8 (439.3+/-4.5) -7.4
   SL4-073 (B,214,13-09-2): T = 433.5 (439.3+/-4.5) -5.8
   SL4-074 (B,215,13-09-3): T = 430.4 (439.3+/-4.5) -8.9
   SL4-075 (B,215,13-09-3): T = 431.4 (439.3+/-4.5) -7.8
   SL4-174 (C,465,16-05-1): T = 433.7 (439.3+/-4.5) -5.5
   SL5-001 (A,016,10-12-0): T = 434.7 (439.3+/-4.5) -4.6
   SL5-269 (D,606,18-13-2): T = 444.6 (439.3+/-4.5) +5.3
   SL6-008 (A,016,00-06-0): T = 433.0 (439.3+/-4.5) -6.2
   SL6-009 (A,016,00-06-0): T = 432.3 (439.3+/-4.5) -7.0
   SL6-010 (A,017,00-06-1): T = 433.8 (439.3+/-4.5) -5.5
   SL6-011 (A,017,00-06-1): T = 434.5 (439.3+/-4.5) -4.8
   SL6-012 (A,018,00-06-2): T = 432.3 (439.3+/-4.5) -6.9
   SL6-013 (A,018,00-06-2): T = 433.5 (439.3+/-4.5) -5.8
   SL6-014 (A,019,00-06-3): T = 433.6 (439.3+/-4.5) -5.7
   SL6-015 (A,019,00-06-3): T = 434.6 (439.3+/-4.5) -4.7
   SL7-070 (A,143,02-07-3): T = 431.1 (437.1+/-4.5) -6.0
   SL7-320 (C,552,07-16-0): T = 427.5 (437.1+/-4.5) -9.7
   SL7-321 (C,552,07-16-0): T = 427.4 (437.1+/-4.5) -9.7 --> 1 HVD  1 TRK
   SL7-322 (C,553,07-16-1): T = 428.0 (437.1+/-4.5) -9.2
   SL7-323 (C,553,07-16-1): T = 428.2 (437.1+/-4.5) -8.9
   SL7-324 (D,554,07-16-2): T = 428.5 (437.1+/-4.5) -8.7
   SL7-325 (D,554,07-16-2): T = 429.7 (437.1+/-4.5) -7.4
   SL7-326 (D,555,07-16-3): T = 427.1 (437.1+/-4.5) -10.0
   SL7-327 (D,555,07-16-3): T = 427.9 (437.1+/-4.5) -9.2
   SL8-036 (A,068,11-08-0): T = 428.1 (435.9+/-4.5) -7.8
   SL8-037 (A,068,11-08-0): T = 428.2 (435.9+/-4.5) -7.7
   SL8-038 (A,069,11-08-1): T = 429.3 (435.9+/-4.5) -6.5
   SL8-039 (A,069,11-08-1): T = 430.5 (435.9+/-4.5) -5.4
   SL8-040 (A,070,11-08-2): T = 429.6 (435.9+/-4.5) -6.3
   SL8-041 (A,070,11-08-2): T = 431.1 (435.9+/-4.5) -4.8
   SL8-042 (A,071,11-08-3): T = 429.8 (435.9+/-4.5) -6.1
   SL8-043 (A,071,11-08-3): T = 430.5 (435.9+/-4.5) -5.4
   SL8-382 (D,617,18-06-1): T = 441.3 (435.9+/-4.5) +5.4
   SL8-383 (D,617,18-06-1): T = 442.7 (435.9+/-4.5) +6.9

   Total = 38

Bad width cells:

   SL3-215 (D,699,09-14-3): W = 35.5 (33.2+/-2.1) +2.2
   SL4-024 (A,058,11-16-2): W = 35.4 (33.2+/-2.1) +2.1
   SL4-025 (A,058,11-16-2): W = 35.5 (33.2+/-2.1) +2.2
   SL4-078 (B,249,13-08-1): W = 28.4 (33.2+/-2.1) -4.9
   SL4-079 (B,249,13-08-1): W = 28.6 (33.2+/-2.1) -4.7
   SL4-160 (C,418,16-07-2): W = 17.2 (33.2+/-2.1) -16.1
   SL4-161 (C,418,16-07-2): W = 17.3 (33.2+/-2.1) -15.9
   SL6-104 (B,240,03-13-0): W = 30.7 (33.2+/-2.1) -2.5
   SL6-121 (B,288,04-14-0): W = 35.7 (33.2+/-2.1) +2.5
   SL6-178 (B,361,05-15-1): W = 30.3 (33.2+/-2.1) -2.9
   SL6-179 (B,361,05-15-1): W = 30.9 (33.2+/-2.1) -2.4
   SL6-193 (C,396,05-13-0): W = 35.8 (33.2+/-2.1) +2.6
   SL6-294 (D,587,08-11-3): W = 35.5 (33.2+/-2.1) +2.3
   SL6-336 (D,680,09-09-0): W = 36.1 (33.2+/-2.1) +2.9
   SL6-337 (D,680,09-09-0): W = 37.3 (33.2+/-2.1) +4.1
   SL6-338 (D,681,09-09-1): W = 36.8 (33.2+/-2.1) +3.6
   SL6-339 (D,681,09-09-1): W = 37.1 (33.2+/-2.1) +3.9
   SL6-340 (D,682,09-09-2): W = 36.9 (33.2+/-2.1) +3.7
   SL6-341 (D,682,09-09-2): W = 37.4 (33.2+/-2.1) +4.2
   SL6-342 (D,683,09-09-3): W = 36.6 (33.2+/-2.1) +3.4
   SL6-343 (D,683,09-09-3): W = 36.7 (33.2+/-2.1) +3.4
   SL6-344 (D,684,09-08-0): W = 37.2 (33.2+/-2.1) +4.0
   SL6-345 (D,684,09-08-0): W = 37.9 (33.2+/-2.1) +4.6
   SL6-346 (D,685,09-08-1): W = 36.8 (33.2+/-2.1) +3.6
   SL6-347 (D,685,09-08-1): W = 37.2 (33.2+/-2.1) +3.9
   SL6-348 (D,686,09-08-2): W = 36.4 (33.2+/-2.1) +3.1
   SL6-349 (D,686,09-08-2): W = 36.2 (33.2+/-2.1) +3.0
   SL6-350 (D,687,09-08-3): W = 36.7 (33.2+/-2.1) +3.4
   SL6-351 (D,687,09-08-3): W = 37.5 (33.2+/-2.1) +4.2
   SL6-352 (D,704,09-07-0): W = 36.7 (33.2+/-2.1) +3.5
   SL6-353 (D,704,09-07-0): W = 36.9 (33.2+/-2.1) +3.6
   SL6-354 (D,705,09-07-1): W = 35.8 (33.2+/-2.1) +2.5
   SL6-355 (D,705,09-07-1): W = 36.1 (33.2+/-2.1) +2.9
   SL6-356 (D,706,09-07-2): W = 36.7 (33.2+/-2.1) +3.5
   SL6-357 (D,706,09-07-2): W = 37.2 (33.2+/-2.1) +3.9
   SL6-358 (D,707,09-07-3): W = 38.0 (33.2+/-2.1) +4.8
   SL6-359 (D,707,09-07-3): W = 37.3 (33.2+/-2.1) +4.0
   SL6-360 (D,748,00-10-0): W = 37.3 (33.2+/-2.1) +4.0
   SL6-361 (D,748,00-10-0): W = 37.7 (33.2+/-2.1) +4.5
   SL6-362 (D,749,00-10-1): W = 35.4 (33.2+/-2.1) +2.2
   SL6-363 (D,749,00-10-1): W = 37.0 (33.2+/-2.1) +3.7
   SL6-364 (D,750,00-10-2): W = 36.8 (33.2+/-2.1) +3.6
   SL6-365 (D,750,00-10-2): W = 37.3 (33.2+/-2.1) +4.1
   SL6-367 (D,751,00-10-3): W = 35.9 (33.2+/-2.1) +2.7
   SL6-369 (D,752,00-09-0): W = 35.9 (33.2+/-2.1) +2.6
   SL6-370 (D,753,00-09-1): W = 36.4 (33.2+/-2.1) +3.2
   SL6-371 (D,753,00-09-1): W = 37.1 (33.2+/-2.1) +3.9
   SL6-373 (D,754,00-09-2): W = 36.0 (33.2+/-2.1) +2.7
   SL6-374 (D,755,00-09-3): W = 36.4 (33.2+/-2.1) +3.1
   SL6-375 (D,755,00-09-3): W = 36.7 (33.2+/-2.1) +3.4
   SL6-376 (D,760,00-08-0): W = 36.1 (33.2+/-2.1) +2.9
   SL6-377 (D,760,00-08-0): W = 36.6 (33.2+/-2.1) +3.3
   SL6-378 (D,761,00-08-1): W = 36.3 (33.2+/-2.1) +3.1
   SL6-379 (D,761,00-08-1): W = 36.9 (33.2+/-2.1) +3.7
   SL6-380 (D,762,00-08-2): W = 36.4 (33.2+/-2.1) +3.2
   SL6-381 (D,762,00-08-2): W = 36.7 (33.2+/-2.1) +3.5
   SL6-382 (D,763,00-08-3): W = 37.0 (33.2+/-2.1) +3.7
   SL6-383 (D,763,00-08-3): W = 37.1 (33.2+/-2.1) +3.9
   SL7-202 (B,345,04-16-1): W = 30.3 (33.2+/-2.1) -2.9
   SL7-272 (C,444,06-17-0): W = 31.1 (33.2+/-2.1) -2.1
   SL7-379 (D,693,09-06-1): W = 35.8 (33.2+/-2.1) +2.6
   SL8-014 (A,029,10-07-1): W = 30.7 (33.2+/-2.1) -2.5
   SL8-116 (A,192,13-19-0): W = 31.1 (33.2+/-2.1) -2.2
   SL8-117 (A,192,13-19-0): W = 29.6 (33.2+/-2.1) -3.7
   SL8-349 (C,512,17-14-0): W = 35.4 (33.2+/-2.1) +2.1
   SL8-436 (D,704,19-07-0): W = 31.1 (33.2+/-2.1) -2.1
   SL8-437 (D,704,19-07-0): W = 30.4 (33.2+/-2.1) -2.8

   Total = 67

Bad QEN cells:

   SL5-124 (B,282,13-10-2): Q = 28.6 (24.1+/-2.1) +4.5
   SL5-125 (B,282,13-10-2): Q = 31.4 (24.1+/-2.1) +7.3
   SL6-098 (B,237,03-14-1): Q = 21.6 (24.1+/-2.1) -2.6
   SL6-099 (B,237,03-14-1): Q = 20.9 (24.1+/-2.1) -3.2
   SL6-140 (B,302,04-12-2): Q = 26.3 (24.1+/-2.1) +2.2
   SL6-317 (D,618,08-08-2): Q = 21.9 (24.1+/-2.1) -2.2
   SL8-033 (A,038,10-05-2): Q = 21.8 (24.1+/-2.1) -2.3
   SL8-232 (B,366,15-14-2): Q = 32.4 (24.1+/-2.1) +8.3
   SL8-233 (B,366,15-14-2): Q = 32.0 (24.1+/-2.1) +7.9

   Total = 9

Bad DTH cells:
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   SL3-162 (C,541,07-10-1): D = 485 (544+/-54) -59
   SL4-077 (B,248,13-08-0): D = 600 (544+/-54) +56 --> 1 TRK
   SL4-078 (B,249,13-08-1): D = 358 (544+/-54) -186
   SL4-079 (B,249,13-08-1): D = 360 (544+/-54) -184
   SL4-160 (C,418,16-07-2): D = 388 (544+/-54) -156
   SL4-161 (C,418,16-07-2): D = 395 (544+/-54) -149
   SL5-220 (C,518,17-13-2): D = 630 (544+/-54) +86
   SL5-221 (C,518,17-13-2): D = 639 (544+/-54) +95
   SL6-096 (B,236,03-14-0): D = 465 (544+/-54) -79
   SL6-097 (B,236,03-14-0): D = 462 (544+/-54) -82
   SL6-098 (B,237,03-14-1): D = 700 (544+/-54) +156
   SL6-099 (B,237,03-14-1): D = 460 (544+/-54) -84
   SL6-102 (B,239,03-14-3): D = 459 (544+/-54) -85
   SL6-103 (B,239,03-14-3): D = 468 (544+/-54) -76
   SL6-104 (B,240,03-13-0): D = 410 (544+/-54) -134
   SL6-105 (B,240,03-13-0): D = 413 (544+/-54) -131
   SL6-178 (B,361,05-15-1): D = 425 (544+/-54) -119
   SL6-179 (B,361,05-15-1): D = 447 (544+/-54) -97
   SL6-263 (C,519,07-13-3): D = 601 (544+/-54) +57
   SL6-274 (C,537,07-11-1): D = 465 (544+/-54) -79
   SL6-275 (C,537,07-11-1): D = 470 (544+/-54) -74
   SL7-016 (A,032,01-07-0): D = 600 (544+/-54) +56
   SL7-017 (A,032,01-07-0): D = 604 (544+/-54) +60
   SL7-378 (D,693,09-06-1): D = 635 (544+/-54) +91
   SL7-379 (D,693,09-06-1): D = 630 (544+/-54) +86
   SL8-126 (B,205,13-18-1): D = 483 (544+/-54) -61
   SL8-127 (B,205,13-18-1): D = 481 (544+/-54) -63
   SL8-456 (D,718,19-05-2): D = 489 (544+/-54) -55
   SL8-457 (D,718,19-05-2): D = 485 (544+/-54) -59

   Total = 29

HV disabled wires:

   SL2-105 (C,418,06-08-2): #11/71 N = 1.876 (1.517,0.000,0.000,0.188) --> HVD
   SL3-126 (C,403,05-11-3): #00/72 N = 1.417 (1.117,0.000,0.000,0.046) --> HVD
   SL3-126 (C,403,05-11-3): #01/73 N = 1.988 (1.916,0.000,0.001,0.126) --> HVD
   SL4-057 (A,118,12-15-2): #03/63 N = 1.732 (1.628,0.000,0.000,0.284) --> HVD
   SL4-227 (D,579,18-17-3): #00/84 N = 2.000 (1.998,0.000,0.000,0.210) --> HVD
   SL4-227 (D,579,18-17-3): #02/86 N = 1.999 (1.972,0.000,0.000,0.160) --> HVD
   SL4-227 (D,579,18-17-3): #03/87 N = 1.990 (1.957,0.000,0.000,0.124) --> HVD
   SL4-227 (D,579,18-17-3): #04/88 N = 1.992 (1.942,0.000,0.000,0.130) --> HVD
   SL4-227 (D,579,18-17-3): #05/89 N = 1.000 (1.000,0.000,0.000,0.003) --> HVD
   SL5-082 (A,169,12-09-1): #09/33 N = 1.991 (1.985,0.000,0.004,0.316) --> HVD
   SL7-045 (A,082,01-04-2): #08/68 N = 1.933 (1.913,0.000,0.000,0.280) --> HVD
   SL7-292 (C,490,07-20-2): #03/51 N = 1.996 (1.989,0.000,0.000,0.253) --> HVD
   SL7-321 (C,552,07-16-0): #06/18 N = 1.807 (1.680,0.000,0.000,0.205) --> HVD
   SL8-104 (A,178,12-05-2): #09/57 N = 1.950 (1.860,0.000,0.014,0.345) --> HVD
   SL8-105 (A,178,12-05-2): #09/69 N = 1.989 (1.965,0.019,0.040,0.389) --> HVD
   SL8-317 (C,496,17-18-0): #07/19 N = 1.952 (1.865,0.011,0.095,0.794) --> HVD
   SL8-322 (C,499,17-18-3): #06/78 N = 1.000 (1.000,0.000,0.000,0.017) --> HVD
   SL8-417 (D,686,19-10-2): #01/61 N = 1.000 (1.000,0.000,0.000,0.898) --> HVD

   Total = 18

Dead wires:

   SL1-154 (D,725,19-19-1): #00/24 N = 0.000 (0.000,0.000,0.000,0.000)
   SL1-154 (D,725,19-19-1): #03/27 N = 0.000 (0.000,0.000,0.000,0.000)
   SL1-158 (D,727,19-19-3): #05/77 N = 0.000 (0.000,0.000,0.000,0.400) --> TRK
   SL2-028 (A,104,02-16-0): #01/01 N = 1.000 (0.000,0.059,0.000,1.042)
   SL2-029 (A,104,02-16-0): #00/12 N = 1.000 (0.000,0.000,0.000,0.735)
   SL2-071 (B,325,04-06-1): #08/44 N = 0.000 (0.000,0.000,0.000,0.020)
   SL2-071 (B,325,04-06-1): #11/47 N = 0.000 (0.000,0.000,0.000,0.749)
   SL2-074 (B,327,04-06-3): #05/77 N = 0.000 (0.000,0.000,0.000,1.417)
   SL2-158 (D,661,09-17-1): #00/24 N = 0.000 (0.000,0.000,0.000,0.000)
   SL3-032 (A,084,01-13-0): #05/05 N = 0.000 (0.000,0.000,0.000,0.013)
   SL3-093 (B,318,04-10-2): #11/71 N = 0.000 (0.000,0.000,0.000,0.000)
   SL3-095 (B,319,04-10-3): #04/88 N = 0.556 (0.797,0.000,0.000,0.541)
   SL3-175 (C,559,07-09-3): #03/87 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL3-212 (D,698,09-14-2): #09/57 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL4-070 (A,213,13-09-1): #05/29 N = 0.000 (0.232,0.000,0.000,0.785)
   SL4-227 (D,579,18-17-3): #08/92 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL4-254 (D,673,19-17-1): #07/31 N = 0.000 (0.000,0.000,0.000,0.000)
   SL5-064 (A,148,12-11-0): #00/00 N = 0.000 (0.000,0.000,0.000,1.184)
   SL5-193 (C,452,16-11-0): #10/22 N = 0.000 (0.000,0.000,0.000,0.465)
   SL5-209 (C,460,16-09-0): #01/13 N = 0.000 (0.000,0.000,0.000,0.000)
   SL5-264 (D,604,18-13-0): #08/08 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL5-282 (D,657,18-11-1): #07/31 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL5-307 (D,713,19-13-1): #03/39 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL6-001 (A,008,00-07-0): #11/23 N = 0.063 (0.000,0.000,0.000,0.727)
   SL6-069 (A,130,02-10-2): #11/71 N = 0.000 (0.000,0.000,0.000,0.000)
   SL6-183 (B,363,05-15-3): #11/95 N = 0.000 (0.000,0.000,0.000,0.842)
   SL6-214 (C,415,06-15-3): #00/72 N = 0.000 (0.000,0.000,0.000,0.847)
   SL6-358 (D,707,09-07-3): #09/81 N = 0.000 (0.000,0.000,0.000,0.754)
   SL6-359 (D,707,09-07-3): #11/95 N = 0.000 (0.000,0.000,0.000,0.120)
   SL7-051 (A,089,01-03-1): #03/39 N = 0.016 (0.000,0.000,0.001,0.328)
   SL7-143 (B,235,03-18-3): #04/88 N = 0.000 (0.000,0.000,0.000,0.000)
   SL7-237 (C,390,05-19-2): #00/60 N = 0.000 (0.000,0.000,0.000,0.348)
   SL7-286 (C,487,07-21-3): #01/73 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL7-310 (C,499,07-18-3): #03/75 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL7-321 (C,552,07-16-0): #02/14 N = 0.828 (1.000,0.000,0.000,1.017) --> TRK
   SL7-342 (D,631,08-06-3): #02/74 N = 0.000 (0.000,0.000,0.000,0.020)
   SL8-019 (A,031,10-07-3): #05/89 N = 0.000 (0.000,0.000,0.000,0.225)
   SL8-059 (A,091,11-06-3): #01/85 N = 0.000 (0.000,0.000,0.000,0.009)
   SL8-115 (A,183,12-04-3): #11/95 N = 0.000 (0.000,0.000,0.000,0.294)
   SL8-138 (B,211,13-17-3): #09/81 N = 0.367 (0.040,0.038,0.000,1.753)
   SL8-313 (C,478,17-19-2): #05/65 N = 0.000 (0.000,0.000,0.000,0.009)
   SL8-436 (D,704,19-07-0): #08/08 N = 1.354 (0.266,0.000,0.000,0.518)
   SL8-475 (D,747,10-10-3): #11/95 N = 0.000 (0.000,0.000,0.000,0.000)
   SL8-479 (D,733,10-09-1): #01/37 N = 0.000 (0.000,0.000,0.000,0.009)

   Total = 44

Bad time wires:

   SL2-118 (C,469,06-06-1): #05/29 T = 457.9 (442.4+/-7.0) +15.6
   SL4-065 (A,130,12-14-2): #01/61 T = 446.4 (439.3+/-7.0) +7.2
   SL5-131 (B,305,14-14-1): #07/43 T = 453.0 (439.3+/-7.0) +13.7
   SL5-141 (B,314,14-13-2): #00/60 T = 448.1 (439.3+/-7.0) +8.9
   SL6-179 (B,361,05-15-1): #05/41 T = 423.4 (439.3+/-7.0) -15.9
   SL6-236 (C,458,06-12-2): #00/48 T = 552.5 (439.3+/-7.0) +113.2
   SL7-122 (B,201,03-20-1): #00/24 T = 472.7 (437.1+/-7.0) +35.5
   SL7-344 (D,632,08-05-0): #07/07 T = 429.0 (437.1+/-7.0) -8.2

   Total = 8

Bad width wires:

   SL1-043 (B,189,12-17-1): #05/41 W = 26.8 (33.2+/-4.5) -6.5
   SL1-061 (B,286,13-05-2): #03/63 W = 38.7 (33.2+/-4.5) +5.5
   SL1-064 (B,324,14-06-0): #10/10 W = 40.2 (33.2+/-4.5) +7.0
   SL1-106 (C,473,16-03-1): #11/35 W = 39.0 (33.2+/-4.5) +5.8
   SL1-117 (C,546,17-04-2): #03/63 W = 39.2 (33.2+/-4.5) +5.9
   SL1-143 (D,639,18-19-3): #07/91 W = 38.2 (33.2+/-4.5) +5.0
   SL2-002 (A,735,00-15-3): #02/74 W = 28.6 (33.2+/-4.5) -4.6
   SL2-045 (A,220,03-08-0): #10/22 W = 28.4 (33.2+/-4.5) -4.8
   SL2-081 (B,338,05-09-2): #03/63 W = 38.6 (33.2+/-4.5) +5.3
   SL2-102 (C,417,06-08-1): #00/24 W = 38.0 (33.2+/-4.5) +4.7
   SL2-102 (C,417,06-08-1): #06/30 W = 26.8 (33.2+/-4.5) -6.4
   SL2-118 (C,469,06-06-1): #05/29 W = 14.5 (33.2+/-4.5) -18.8
   SL2-128 (C,530,07-07-2): #01/49 W = 27.8 (33.2+/-4.5) -5.4
   SL3-062 (B,195,02-12-3): #01/73 W = 21.7 (33.2+/-4.5) -11.6
   SL3-063 (B,195,02-12-3): #00/84 W = 25.3 (33.2+/-4.5) -8.0
   SL3-090 (B,317,04-10-1): #11/35 W = 28.6 (33.2+/-4.5) -4.6
   SL3-160 (C,540,07-10-0): #01/01 W = 24.4 (33.2+/-4.5) -8.9
   SL3-169 (C,556,07-09-0): #10/22 W = 38.1 (33.2+/-4.5) +4.8
   SL3-178 (C,569,07-08-1): #00/24 W = 38.8 (33.2+/-4.5) +5.5
   SL3-214 (D,699,09-14-3): #03/75 W = 38.2 (33.2+/-4.5) +5.0
   SL3-231 (D,727,09-12-3): #07/91 W = 38.1 (33.2+/-4.5) +4.8
   SL4-040 (A,066,11-14-2): #09/57 W = 28.4 (33.2+/-4.5) -4.9
   SL4-076 (B,248,13-08-0): #08/08 W = 28.6 (33.2+/-4.5) -4.6
   SL4-180 (C,480,17-08-0): #05/05 W = 38.0 (33.2+/-4.5) +4.7 --> TRK
   SL4-227 (D,579,18-17-3): #05/89 W = 42.2 (33.2+/-4.5) +8.9 --> HVD
   SL4-240 (D,642,18-15-2): #04/52 W = 37.9 (33.2+/-4.5) +4.6
   SL4-287 (D,757,10-17-1): #05/41 W = 28.5 (33.2+/-4.5) -4.7
   SL5-023 (A,051,11-12-3): #01/85 W = 28.2 (33.2+/-4.5) -5.1
   SL5-070 (A,151,12-11-3): #02/74 W = 56.3 (33.2+/-4.5) +23.1
   SL5-131 (B,305,14-14-1): #07/43 W = 14.0 (33.2+/-4.5) -19.2
   SL5-140 (B,314,14-13-2): #01/49 W = 28.1 (33.2+/-4.5) -5.1
   SL5-141 (B,314,14-13-2): #00/60 W = 18.1 (33.2+/-4.5) -15.1
   SL5-169 (C,392,15-11-0): #09/21 W = 28.3 (33.2+/-4.5) -4.9
   SL5-254 (D,563,17-09-3): #11/83 W = 28.7 (33.2+/-4.5) -4.6
   SL5-278 (D,647,18-12-3): #03/75 W = 38.0 (33.2+/-4.5) +4.8
   SL6-054 (A,075,01-09-3): #00/72 W = 41.4 (33.2+/-4.5) +8.2
   SL6-129 (B,292,04-13-0): #08/20 W = 38.3 (33.2+/-4.5) +5.1
   SL6-131 (B,293,04-13-1): #03/39 W = 38.0 (33.2+/-4.5) +4.8
   SL6-173 (B,358,05-16-2): #02/62 W = 27.8 (33.2+/-4.5) -5.4
   SL6-236 (C,458,06-12-2): #00/48 W =  0.0 (33.2+/-4.5) -33.2
   SL6-263 (C,519,07-13-3): #04/88 W = 38.0 (33.2+/-4.5) +4.7
   SL6-275 (C,537,07-11-1): #03/39 W = 37.9 (33.2+/-4.5) +4.6
   SL6-291 (D,585,08-11-1): #07/43 W = 38.1 (33.2+/-4.5) +4.9
   SL6-316 (D,618,08-08-2): #00/48 W = 27.9 (33.2+/-4.5) -5.3
   SL7-025 (A,052,01-06-0): #08/20 W = 37.8 (33.2+/-4.5) +4.6
   SL7-114 (B,197,03-21-1): #03/27 W = 28.6 (33.2+/-4.5) -4.6
   SL7-117 (B,198,03-21-2): #05/65 W = 26.5 (33.2+/-4.5) -6.8
   SL7-122 (B,201,03-20-1): #00/24 W =  0.0 (33.2+/-4.5) -33.2
   SL7-132 (B,218,03-19-2): #02/50 W = 28.3 (33.2+/-4.5) -4.9
   SL7-157 (B,266,03-16-2): #11/71 W = 38.1 (33.2+/-4.5) +4.9
   SL7-185 (B,312,04-18-0): #08/20 W = 37.8 (33.2+/-4.5) +4.6
   SL7-232 (C,388,05-19-0): #02/02 W = 40.5 (33.2+/-4.5) +7.3
   SL7-276 (C,446,06-17-2): #10/58 W = 27.3 (33.2+/-4.5) -5.9
   SL7-334 (D,627,08-07-3): #03/75 W = 38.2 (33.2+/-4.5) +4.9
   SL8-040 (A,070,11-08-2): #10/58 W = 28.4 (33.2+/-4.5) -4.8
   SL8-059 (A,091,11-06-3): #00/84 W = 27.9 (33.2+/-4.5) -5.3
   SL8-059 (A,091,11-06-3): #02/86 W = 28.0 (33.2+/-4.5) -5.3
   SL8-123 (B,195,13-19-3): #09/93 W = 26.9 (33.2+/-4.5) -6.3
   SL8-163 (B,275,14-19-3): #09/93 W = 28.2 (33.2+/-4.5) -5.0
   SL8-322 (C,499,17-18-3): #06/78 W = 41.6 (33.2+/-4.5) +8.3 --> HVD
   SL8-355 (C,515,17-14-3): #08/92 W = 37.9 (33.2+/-4.5) +4.7
   SL8-408 (D,682,19-11-2): #10/58 W = 41.2 (33.2+/-4.5) +8.0
   SL8-422 (D,693,19-09-1): #02/26 W = 43.6 (33.2+/-4.5) +10.4

   Total = 63

Bad ATN wires:

   SL2-019 (A,043,01-17-3): #00/84 A = 26.9 (21.1+/-4.5) +5.8
   SL5-072 (A,156,12-10-0): #01/01 A = 16.5 (21.1+/-4.5) -4.7
   SL7-375 (D,659,08-02-3): #10/94 A = 25.7 (21.1+/-4.5) +4.6

   Total = 3

Bad QEN wires:

   SL3-144 (C,460,06-10-0): #05/05 Q = 19.4 (24.1+/-4.5) -4.8
   SL4-020 (A,056,11-16-0): #04/04 Q = 29.1 (24.1+/-4.5) +5.0
   SL4-060 (A,128,12-14-0): #09/09 Q = 18.7 (24.1+/-4.5) -5.5
   SL4-108 (B,316,14-07-0): #10/10 Q = 19.0 (24.1+/-4.5) -5.1
   SL5-053 (A,122,12-13-2): #04/64 Q = 28.8 (24.1+/-4.5) +4.7
   SL8-079 (A,153,12-08-1): #02/38 Q = 19.5 (24.1+/-4.5) -4.6

   Total = 6

Bad DTH wires:

   SL1-064 (B,324,14-06-0): #10/10 D = 700 (544+/-70) +156
   SL1-074 (B,349,14-05-1): #00/24 D = 460 (544+/-70) -84
   SL1-106 (C,473,16-03-1): #11/35 D = 700 (544+/-70) +156
   SL2-102 (C,417,06-08-1): #01/25 D = 470 (544+/-70) -74
   SL2-102 (C,417,06-08-1): #02/26 D = 460 (544+/-70) -84
   SL2-102 (C,417,06-08-1): #06/30 D = 450 (544+/-70) -94
   SL2-102 (C,417,06-08-1): #07/31 D = 450 (544+/-70) -94
   SL2-103 (C,417,06-08-1): #00/36 D = 430 (544+/-70) -114
   SL2-118 (C,469,06-06-1): #05/29 D = 300 (544+/-70) -244
   SL2-128 (C,530,07-07-2): #01/49 D = 440 (544+/-70) -104
   SL3-062 (B,195,02-12-3): #01/73 D = 270 (544+/-70) -274
   SL3-063 (B,195,02-12-3): #00/84 D = 380 (544+/-70) -164
   SL3-129 (C,420,05-10-0): #08/20 D = 460 (544+/-70) -84
   SL3-210 (D,697,09-14-1): #11/35 D = 470 (544+/-70) -74
   SL4-017 (A,026,10-15-2): #02/62 D = 460 (544+/-70) -84
   SL4-188 (C,524,17-07-0): #08/08 D = 460 (544+/-70) -84
   SL4-207 (C,565,17-05-1): #08/44 D = 470 (544+/-70) -74
   SL4-227 (D,579,18-17-3): #05/89 D = 700 (544+/-70) +156 --> HVD
   SL5-023 (A,051,11-12-3): #01/85 D = 440 (544+/-70) -104
   SL5-085 (B,170,12-09-2): #09/69 D = 470 (544+/-70) -74
   SL5-131 (B,305,14-14-1): #07/43 D = 310 (544+/-70) -234
   SL5-140 (B,314,14-13-2): #01/49 D = 450 (544+/-70) -94
   SL5-141 (B,314,14-13-2): #00/60 D = 400 (544+/-70) -144
   SL5-254 (D,563,17-09-3): #11/83 D = 440 (544+/-70) -104
   SL5-260 (D,602,18-14-2): #02/50 D = 450 (544+/-70) -94
   SL5-310 (D,715,19-13-3): #00/72 D = 450 (544+/-70) -94
   SL6-106 (B,241,03-13-1): #03/27 D = 620 (544+/-70) +76
   SL6-187 (B,393,05-14-1): #01/37 D = 450 (544+/-70) -94
   SL6-251 (C,505,07-14-1): #04/40 D = 470 (544+/-70) -74
   SL6-315 (D,617,08-08-1): #10/46 D = 450 (544+/-70) -94
   SL6-326 (D,675,09-11-3): #01/73 D = 460 (544+/-70) -84
   SL7-005 (A,026,00-02-2): #10/70 D = 460 (544+/-70) -84
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   SL7-005 (A,026,00-02-2): #11/71 D = 460 (544+/-70) -84
   SL7-036 (A,078,01-05-2): #03/51 D = 620 (544+/-70) +76
   SL7-344 (D,632,08-05-0): #01/01 D = 470 (544+/-70) -74
   SL8-059 (A,091,11-06-3): #00/84 D = 450 (544+/-70) -94
   SL8-059 (A,091,11-06-3): #02/86 D = 460 (544+/-70) -84
   SL8-132 (B,208,13-17-0): #03/03 D = 460 (544+/-70) -84
   SL8-133 (B,208,13-17-0): #00/12 D = 450 (544+/-70) -94
   SL8-163 (B,275,14-19-3): #09/93 D = 460 (544+/-70) -84
   SL8-163 (B,275,14-19-3): #11/95 D = 460 (544+/-70) -84
   SL8-313 (C,478,17-19-2): #04/64 D = 450 (544+/-70) -94
   SL8-313 (C,478,17-19-2): #06/66 D = 450 (544+/-70) -94
   SL8-313 (C,478,17-19-2): #07/67 D = 450 (544+/-70) -94
   SL8-322 (C,499,17-18-3): #06/78 D = 700 (544+/-70) +156 --> HVD
   SL8-417 (D,686,19-10-2): #01/61 D = 640 (544+/-70) +96 --> HVD
   SL8-431 (D,701,19-08-1): #11/47 D = 470 (544+/-70) -74
   SL8-445 (D,708,19-06-0): #01/13 D = 700 (544+/-70) +156
   SL8-445 (D,708,19-06-0): #11/23 D = 700 (544+/-70) +156
   SL8-479 (D,733,10-09-1): #00/36 D = 440 (544+/-70) -104
   SL8-479 (D,733,10-09-1): #02/38 D = 440 (544+/-70) -104
   SL8-479 (D,733,10-09-1): #03/39 D = 450 (544+/-70) -94

   Total = 52

Hot wires:

   SL1-042 (B,189,12-17-1): #00/24 N = 1.112 (1.008,0.007,0.106,1.113)
   SL2-073 (B,326,04-06-2): #01/61 N = 8.000 (8.000,8.000,8.000,2.024)
   SL3-117 (B,366,05-12-2): #07/67 N = 1.902 (1.992,0.002,0.012,0.939)
   SL3-142 (C,439,06-11-3): #09/81 N = 5.711 (5.340,0.000,0.040,0.980) --> TRK
   SL3-169 (C,556,07-09-0): #03/15 N = 1.239 (1.000,0.010,0.015,0.974)
   SL3-170 (C,557,07-09-1): #00/24 N = 1.434 (1.088,0.117,0.459,1.400)
   SL3-170 (C,557,07-09-1): #01/25 N = 1.225 (1.030,0.026,0.243,1.272)
   SL4-077 (B,248,13-08-0): #08/20 N = 1.395 (1.396,0.005,0.012,1.015) --> TRK
   SL4-094 (B,301,14-09-1): #11/35 N = 1.338 (1.119,0.145,0.488,1.420)
   SL5-121 (B,280,13-10-0): #03/15 N = 1.007 (1.643,0.025,0.032,1.064)
   SL5-236 (C,534,17-11-2): #00/48 N = 1.129 (1.014,0.024,0.170,1.462)
   SL6-165 (B,334,05-17-2): #02/62 N = 2.454 (2.229,1.770,0.000,1.924)
   SL6-301 (D,606,08-10-2): #07/67 N = 1.527 (1.780,0.005,0.016,0.940)
   SL7-123 (B,201,03-20-1): #00/36 N = 3.000 (3.000,3.000,2.000,1.904)
   SL7-340 (D,630,08-06-2): #00/48 N = 1.114 (1.006,0.011,0.131,1.229)
   SL8-104 (A,178,12-05-2): #09/57 N = 1.950 (1.860,0.000,0.014,0.345) --> HVD
   SL8-105 (A,178,12-05-2): #09/69 N = 1.989 (1.965,0.019,0.040,0.389) --> HVD
   SL8-122 (B,195,13-19-3): #03/75 N = 1.522 (1.165,0.000,0.031,1.002)
   SL8-152 (B,230,13-15-2): #09/57 N = 1.155 (1.009,0.004,0.195,1.520)
   SL8-317 (C,496,17-18-0): #07/19 N = 1.952 (1.865,0.011,0.095,0.794) --> HVD
   SL8-362 (D,583,18-09-3): #09/81 N = 1.108 (1.003,0.077,0.212,1.200)
   SL8-373 (D,612,18-07-0): #00/12 N = 1.152 (1.015,0.010,0.141,1.632)

   Total = 22

Low occupancy wires:

   SL1-064 (B,324,14-06-0): #10/10 N = 1.000 (1.000,0.000,0.000,0.009)
   SL1-106 (C,473,16-03-1): #11/35 N = 1.000 (1.000,0.000,0.000,0.070)
   SL1-154 (D,725,19-19-1): #00/24 N = 0.000 (0.000,0.000,0.000,0.000)
   SL1-154 (D,725,19-19-1): #03/27 N = 0.000 (0.000,0.000,0.000,0.000)
   SL1-158 (D,727,19-19-3): #05/77 N = 0.000 (0.000,0.000,0.000,0.400) --> TRK
   SL2-029 (A,104,02-16-0): #00/12 N = 1.000 (0.000,0.000,0.000,0.735)
   SL2-071 (B,325,04-06-1): #08/44 N = 0.000 (0.000,0.000,0.000,0.020)
   SL2-071 (B,325,04-06-1): #11/47 N = 0.000 (0.000,0.000,0.000,0.749)
   SL2-105 (C,418,06-08-2): #11/71 N = 1.876 (1.517,0.000,0.000,0.188) --> HVD
   SL2-158 (D,661,09-17-1): #00/24 N = 0.000 (0.000,0.000,0.000,0.000)
   SL3-032 (A,084,01-13-0): #05/05 N = 0.000 (0.000,0.000,0.000,0.013)
   SL3-093 (B,318,04-10-2): #11/71 N = 0.000 (0.000,0.000,0.000,0.000)
   SL3-095 (B,319,04-10-3): #04/88 N = 0.556 (0.797,0.000,0.000,0.541)
   SL3-126 (C,403,05-11-3): #00/72 N = 1.417 (1.117,0.000,0.000,0.046) --> HVD
   SL3-126 (C,403,05-11-3): #01/73 N = 1.988 (1.916,0.000,0.001,0.126) --> HVD
   SL3-175 (C,559,07-09-3): #03/87 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL3-186 (D,601,08-15-1): #08/32 N = 1.000 (1.000,0.000,0.000,0.836)
   SL3-186 (D,601,08-15-1): #09/33 N = 1.000 (1.000,0.000,0.000,0.836)
   SL3-186 (D,601,08-15-1): #10/34 N = 1.000 (1.000,0.000,0.000,0.844)
   SL3-190 (D,603,08-15-3): #08/80 N = 1.000 (1.000,0.000,0.000,0.833)
   SL3-212 (D,698,09-14-2): #09/57 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL4-057 (A,118,12-15-2): #03/63 N = 1.732 (1.628,0.000,0.000,0.284) --> HVD
   SL4-070 (A,213,13-09-1): #05/29 N = 0.000 (0.232,0.000,0.000,0.785)
   SL4-227 (D,579,18-17-3): #00/84 N = 2.000 (1.998,0.000,0.000,0.210) --> HVD
   SL4-227 (D,579,18-17-3): #02/86 N = 1.999 (1.972,0.000,0.000,0.160) --> HVD
   SL4-227 (D,579,18-17-3): #03/87 N = 1.990 (1.957,0.000,0.000,0.124) --> HVD
   SL4-227 (D,579,18-17-3): #04/88 N = 1.992 (1.942,0.000,0.000,0.130) --> HVD
   SL4-227 (D,579,18-17-3): #05/89 N = 1.000 (1.000,0.000,0.000,0.003) --> HVD
   SL4-227 (D,579,18-17-3): #08/92 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL4-254 (D,673,19-17-1): #07/31 N = 0.000 (0.000,0.000,0.000,0.000)
   SL5-082 (A,169,12-09-1): #00/24 N = 3.008 (2.005,0.000,0.000,0.785)
   SL5-082 (A,169,12-09-1): #09/33 N = 1.991 (1.985,0.000,0.004,0.316) --> HVD
   SL5-193 (C,452,16-11-0): #10/22 N = 0.000 (0.000,0.000,0.000,0.465)
   SL5-209 (C,460,16-09-0): #01/13 N = 0.000 (0.000,0.000,0.000,0.000)
   SL5-264 (D,604,18-13-0): #08/08 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL5-282 (D,657,18-11-1): #07/31 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL5-307 (D,713,19-13-1): #03/39 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL6-001 (A,008,00-07-0): #11/23 N = 0.063 (0.000,0.000,0.000,0.727)
   SL6-069 (A,130,02-10-2): #11/71 N = 0.000 (0.000,0.000,0.000,0.000)
   SL6-358 (D,707,09-07-3): #09/81 N = 0.000 (0.000,0.000,0.000,0.754)
   SL6-359 (D,707,09-07-3): #11/95 N = 0.000 (0.000,0.000,0.000,0.120)
   SL7-045 (A,082,01-04-2): #08/68 N = 1.933 (1.913,0.000,0.000,0.280) --> HVD
   SL7-051 (A,089,01-03-1): #03/39 N = 0.016 (0.000,0.000,0.001,0.328)
   SL7-143 (B,235,03-18-3): #04/88 N = 0.000 (0.000,0.000,0.000,0.000)
   SL7-237 (C,390,05-19-2): #00/60 N = 0.000 (0.000,0.000,0.000,0.348)
   SL7-286 (C,487,07-21-3): #01/73 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL7-292 (C,490,07-20-2): #03/51 N = 1.996 (1.989,0.000,0.000,0.253) --> HVD
   SL7-293 (C,490,07-20-2): #11/71 N = 1.000 (1.000,0.000,0.000,0.696)
   SL7-310 (C,499,07-18-3): #03/75 N = 0.000 (0.000,0.000,0.000,0.000) --> TRK
   SL7-321 (C,552,07-16-0): #06/18 N = 1.807 (1.680,0.000,0.000,0.205) --> HVD
   SL7-342 (D,631,08-06-3): #02/74 N = 0.000 (0.000,0.000,0.000,0.020)
   SL8-019 (A,031,10-07-3): #05/89 N = 0.000 (0.000,0.000,0.000,0.225)
   SL8-059 (A,091,11-06-3): #01/85 N = 0.000 (0.000,0.000,0.000,0.009)
   SL8-072 (A,098,11-04-2): #11/59 N = 1.000 (1.000,0.000,0.000,0.414)
   SL8-104 (A,178,12-05-2): #09/57 N = 1.950 (1.860,0.000,0.014,0.345) --> HVD
   SL8-105 (A,178,12-05-2): #09/69 N = 1.989 (1.965,0.019,0.040,0.389) --> HVD
   SL8-115 (A,183,12-04-3): #11/95 N = 0.000 (0.000,0.000,0.000,0.294)
   SL8-313 (C,478,17-19-2): #05/65 N = 0.000 (0.000,0.000,0.000,0.009)
   SL8-322 (C,499,17-18-3): #06/78 N = 1.000 (1.000,0.000,0.000,0.017) --> HVD
   SL8-436 (D,704,19-07-0): #08/08 N = 1.354 (0.266,0.000,0.000,0.518)
   SL8-445 (D,708,19-06-0): #11/23 N = 1.000 (1.000,0.000,0.000,0.233)
   SL8-475 (D,747,10-10-3): #11/95 N = 0.000 (0.000,0.000,0.000,0.000)
   SL8-479 (D,733,10-09-1): #01/37 N = 0.000 (0.000,0.000,0.000,0.009)

   Total = 63

High occupancy wires:

   SL1-041 (A,188,12-17-0): #00/12 N = 1.024 (1.002,0.011,0.057,1.115)
   SL1-042 (B,189,12-17-1): #00/24 N = 1.112 (1.008,0.007,0.106,1.113)
   SL1-131 (D,593,18-20-1): #00/36 N = 1.000 (1.000,0.000,0.001,1.187)
   SL1-157 (D,726,19-19-2): #01/61 N = 2.000 (2.000,0.000,0.000,1.170) --> TRK
   SL2-073 (B,326,04-06-2): #01/61 N = 8.000 (8.000,8.000,8.000,2.024)
   SL2-074 (B,327,04-06-3): #05/77 N = 0.000 (0.000,0.000,0.000,1.417)
   SL2-105 (C,418,06-08-2): #10/70 N = 1.000 (1.000,0.000,0.000,1.142)
   SL3-062 (B,195,02-12-3): #01/73 N = 1.000 (1.000,1.000,0.000,1.439)
   SL3-170 (C,557,07-09-1): #00/24 N = 1.434 (1.088,0.117,0.459,1.400)
   SL3-170 (C,557,07-09-1): #01/25 N = 1.225 (1.030,0.026,0.243,1.272)
   SL3-170 (C,557,07-09-1): #03/27 N = 1.053 (1.000,0.003,0.075,1.156)
   SL4-049 (A,110,12-16-2): #00/60 N = 1.000 (1.000,0.000,0.000,1.213)
   SL4-057 (A,118,12-15-2): #02/62 N = 1.000 (1.000,0.000,0.000,1.189)
   SL4-094 (B,301,14-09-1): #11/35 N = 1.338 (1.119,0.145,0.488,1.420)
   SL5-073 (A,156,12-10-0): #02/14 N = 1.000 (1.000,0.000,0.000,1.217)
   SL5-190 (C,407,15-09-3): #09/81 N = 1.061 (1.007,0.011,0.092,1.230)
   SL5-190 (C,407,15-09-3): #10/82 N = 1.062 (1.007,0.011,0.099,1.300)
   SL5-190 (C,407,15-09-3): #11/83 N = 1.019 (1.003,0.006,0.034,1.217)
   SL5-236 (C,534,17-11-2): #00/48 N = 1.129 (1.014,0.024,0.170,1.462)
   SL5-246 (C,539,17-10-3): #11/83 N = 6.302 (7.387,0.000,0.000,1.969)
   SL6-165 (B,334,05-17-2): #02/62 N = 2.454 (2.229,1.770,0.000,1.924)
   SL6-182 (B,363,05-15-3): #11/83 N = 1.000 (1.000,1.000,0.000,1.640)
   SL6-236 (C,458,06-12-2): #00/48 N = 1.000 (1.000,0.002,0.000,1.317)
   SL7-029 (A,054,01-06-2): #06/66 N = 1.000 (1.000,0.000,0.019,1.310)
   SL7-096 (A,180,02-03-0): #07/07 N = 1.000 (1.000,0.000,0.000,1.297)
   SL7-122 (B,201,03-20-1): #00/24 N = 1.000 (1.000,1.000,0.001,2.334)
   SL7-123 (B,201,03-20-1): #00/36 N = 3.000 (3.000,3.000,2.000,1.904)
   SL7-190 (B,315,04-18-3): #06/78 N = 1.062 (1.006,0.000,0.071,1.433)
   SL7-190 (B,315,04-18-3): #11/83 N = 1.065 (1.004,0.007,0.095,1.290)
   SL7-191 (B,315,04-18-3): #07/91 N = 1.076 (1.000,0.006,0.094,1.433)
   SL7-236 (C,390,05-19-2): #00/48 N = 1.014 (1.000,0.000,0.000,1.822)
   SL8-120 (B,194,13-19-2): #09/57 N = 1.052 (1.001,0.003,0.055,1.546)
   SL8-120 (B,194,13-19-2): #10/58 N = 1.079 (1.008,0.004,0.086,1.667)
   SL8-138 (B,211,13-17-3): #09/81 N = 0.367 (0.040,0.038,0.000,1.753)
   SL8-152 (B,230,13-15-2): #09/57 N = 1.155 (1.009,0.004,0.195,1.520)
   SL8-179 (B,291,14-17-3): #01/85 N = 1.000 (1.000,0.000,0.000,1.347)
   SL8-270 (C,429,16-16-1): #05/29 N = 1.057 (1.001,0.004,0.095,1.330)
   SL8-270 (C,429,16-16-1): #06/30 N = 1.088 (1.001,0.007,0.171,1.597)
   SL8-288 (C,438,16-14-2): #08/56 N = 1.051 (1.003,0.003,0.087,1.442)
   SL8-291 (C,439,16-14-3): #05/89 N = 1.019 (1.001,0.079,0.038,1.407)
   SL8-313 (C,478,17-19-2): #08/68 N = 1.044 (1.001,0.001,0.056,1.382)
   SL8-372 (D,612,18-07-0): #00/00 N = 1.057 (1.001,0.007,0.049,1.330)
   SL8-372 (D,612,18-07-0): #01/01 N = 1.087 (1.000,0.004,0.072,1.390)
   SL8-372 (D,612,18-07-0): #02/02 N = 1.050 (1.000,0.003,0.053,1.330)
   SL8-373 (D,612,18-07-0): #00/12 N = 1.152 (1.015,0.010,0.141,1.632)
   SL8-397 (D,664,18-04-0): #01/13 N = 1.013 (1.001,0.000,0.004,1.356)
   SL8-397 (D,664,18-04-0): #02/14 N = 1.004 (1.000,0.001,0.001,1.347)
   SL8-397 (D,664,18-04-0): #04/16 N = 1.015 (1.000,0.000,0.001,1.382)
   SL8-398 (D,665,18-04-1): #11/35 N = 1.001 (1.000,0.000,0.000,1.330)
   SL8-399 (D,665,18-04-1): #11/47 N = 1.041 (1.001,0.000,0.021,1.433)
   SL8-403 (D,667,18-04-3): #00/84 N = 1.000 (1.000,0.000,0.000,1.347)

   Total = 51

Noisy TDC channels:

   SL1-001 (A,008,10-19-0): #03/15 N = 1.255 (1.435,0.000,0.000,0.973)
   SL1-033 (A,144,12-18-0): #03/15 N = 1.258 (1.003,0.000,0.000,0.992)
   SL1-037 (A,146,12-18-2): #07/67 N = 1.010 (1.342,0.000,0.000,1.006)
   SL1-038 (A,147,12-18-3): #11/83 N = 1.536 (1.997,0.000,0.000,1.002)
   SL1-041 (A,188,12-17-0): #03/15 N = 1.235 (1.000,0.001,0.006,1.047)
   SL1-045 (B,190,12-17-2): #07/67 N = 1.010 (1.248,0.000,0.000,0.978)
   SL1-065 (B,324,14-06-0): #03/15 N = 1.888 (1.845,0.000,0.000,1.001)
   SL1-073 (B,348,14-05-0): #03/15 N = 1.814 (1.650,0.000,0.000,1.013)
   SL1-081 (B,400,15-04-0): #03/15 N = 1.007 (1.862,0.000,0.000,1.024)
   SL1-097 (C,468,16-04-0): #03/15 N = 1.007 (1.113,0.000,0.000,1.002)
   SL1-101 (C,470,16-04-2): #07/67 N = 1.557 (1.925,0.000,0.000,1.001)
   SL1-105 (C,472,16-03-0): #03/15 N = 1.442 (1.229,0.000,0.000,1.014)
   SL1-113 (C,544,17-04-0): #03/15 N = 1.193 (1.095,0.000,0.000,1.018)
   SL1-121 (C,568,17-03-0): #03/15 N = 1.107 (1.015,0.000,0.000,1.040)
   SL1-122 (C,569,17-03-1): #04/28 N = 2.045 (2.414,0.000,0.000,1.031)
   SL1-157 (D,726,19-19-2): #01/61 N = 2.000 (2.000,0.000,0.000,1.170) --> TRK
   SL2-001 (A,734,00-15-2): #07/67 N = 1.125 (1.400,0.000,0.000,0.978)
   SL2-005 (A,756,00-14-0): #03/15 N = 1.308 (1.000,0.000,0.000,1.006)
   SL2-006 (A,757,00-14-1): #03/27 N = 1.417 (1.252,0.000,0.000,1.042)
   SL2-007 (A,757,00-14-1): #11/47 N = 1.833 (1.449,0.000,0.000,1.040)
   SL2-009 (A,758,00-14-2): #07/67 N = 1.867 (1.994,0.000,0.000,1.012)
   SL2-020 (A,044,01-16-0): #11/11 N = 1.966 (2.000,0.000,0.000,0.998)
   SL2-023 (A,045,01-16-1): #03/39 N = 1.614 (1.161,0.000,0.000,0.891)
   SL2-023 (A,045,01-16-1): #11/47 N = 1.716 (1.012,0.000,0.000,1.000)
   SL2-025 (A,046,01-16-2): #07/67 N = 1.088 (1.317,0.000,0.000,0.982)
   SL2-026 (A,047,01-16-3): #03/75 N = 1.174 (1.408,0.000,0.000,1.002)
   SL2-033 (A,106,02-16-2): #07/67 N = 1.964 (1.989,0.000,0.000,1.024)
   SL2-041 (A,110,02-15-2): #07/67 N = 1.001 (1.171,0.000,0.000,1.026)
   SL2-049 (B,222,03-08-2): #07/67 N = 1.725 (1.980,0.000,0.000,1.018)
   SL2-053 (B,256,03-07-0): #03/15 N = 1.353 (1.000,0.000,0.000,1.026)
   SL2-057 (B,258,03-07-2): #03/63 N = 1.051 (1.977,0.000,0.000,1.008)
   SL2-065 (B,310,04-07-2): #07/67 N = 1.997 (2.000,0.000,0.000,1.022)
   SL2-073 (B,326,04-06-2): #07/67 N = 1.077 (1.250,0.000,0.000,1.079)
   SL2-081 (B,338,05-09-2): #07/67 N = 1.665 (1.968,0.000,0.000,1.030)
   SL2-089 (B,370,05-08-2): #03/63 N = 1.484 (1.815,0.000,0.000,1.042)
   SL2-089 (B,370,05-08-2): #07/67 N = 1.278 (1.388,0.000,0.001,0.984)
   SL2-093 (B,376,05-07-0): #03/15 N = 1.175 (1.000,0.000,0.000,0.953)
   SL2-097 (C,378,05-07-2): #03/63 N = 1.004 (1.389,0.000,0.000,0.974)
   SL2-097 (C,378,05-07-2): #07/67 N = 1.177 (1.550,0.000,0.000,0.963)
   SL2-099 (C,379,05-07-3): #03/87 N = 1.901 (1.801,0.000,0.000,1.059)
   SL2-105 (C,418,06-08-2): #11/71 N = 1.876 (1.517,0.000,0.000,0.188) --> HVD
   SL2-127 (C,529,07-07-1): #03/39 N = 1.371 (1.030,0.000,0.000,1.008)
   SL2-129 (C,530,07-07-2): #07/67 N = 1.807 (1.864,0.000,0.000,1.032)
   SL2-137 (C,562,07-06-2): #07/67 N = 1.831 (1.994,0.000,0.000,0.972)
   SL2-145 (D,574,08-17-2): #07/67 N = 1.202 (1.422,0.000,0.000,0.965)
   SL2-177 (D,690,09-15-2): #07/67 N = 1.456 (1.691,0.000,0.000,0.980)
   SL2-185 (D,730,00-16-2): #07/67 N = 1.581 (1.961,0.000,0.000,1.022)
   SL3-017 (A,048,01-15-0): #03/15 N = 1.808 (1.436,0.000,0.000,0.990)
   SL3-025 (A,056,01-14-0): #03/15 N = 1.251 (1.000,0.000,0.000,1.031)
   SL3-045 (A,126,02-14-2): #07/67 N = 1.026 (1.211,0.000,0.000,0.964)
   SL3-049 (A,156,02-13-0): #03/15 N = 1.507 (1.650,0.000,0.000,1.031)
   SL3-073 (B,272,03-10-0): #03/15 N = 1.162 (1.000,0.000,0.000,1.031)
   SL3-083 (B,285,03-09-1): #11/47 N = 1.181 (1.005,0.000,0.000,1.021)
   SL3-089 (B,316,04-10-0): #03/15 N = 1.980 (1.996,0.000,0.000,1.046)
   SL3-105 (B,348,04-08-0): #03/15 N = 1.367 (1.743,0.000,0.000,1.041)
   SL3-126 (C,403,05-11-3): #00/72 N = 1.417 (1.117,0.000,0.000,0.046) --> HVD
   SL3-126 (C,403,05-11-3): #01/73 N = 1.988 (1.916,0.000,0.001,0.126) --> HVD
   SL3-221 (D,722,09-13-2): #07/67 N = 1.004 (1.143,0.000,0.000,0.946)
   SL3-225 (D,724,09-12-0): #03/15 N = 1.642 (1.498,0.000,0.000,1.028)
   SL3-233 (D,736,00-13-0): #03/15 N = 1.148 (1.499,0.000,0.000,1.036)
   SL4-001 (A,758,10-17-2): #03/63 N = 1.036 (1.222,0.000,0.000,0.882)
   SL4-001 (A,758,10-17-2): #07/67 N = 1.981 (1.992,0.000,0.000,0.875)
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SL4-002 (A,759,10-17-3): #11/83 N = 1.198 (1.840,0.000,0.000,1.005)
SL4-009 (A,006,10-16-2): #07/67 N = 1.628 (1.980,0.000,0.000,0.985)
SL4-015 (A,025,10-15-1): #11/47 N = 1.989 (2.000,0.000,0.000,1.126)
SL4-021 (A,056,11-16-0): #11/23 N = 1.185 (1.446,0.000,0.000,1.039)
SL4-023 (A,057,11-16-1): #11/47 N = 1.381 (1.346,0.000,0.000,0.959)
SL4-024 (A,058,11-16-2): #01/49 N = 1.061 (1.164,0.000,0.000,0.985)
SL4-025 (A,058,11-16-2): #07/67 N = 2.001 (1.999,0.000,0.001,1.032)
SL4-026 (A,059,11-16-3): #11/83 N = 1.024 (1.587,0.000,0.000,0.939)
SL4-031 (A,061,11-15-1): #03/39 N = 1.235 (1.033,0.000,0.000,0.949)
SL4-033 (A,062,11-15-2): #07/67 N = 1.241 (1.931,0.000,0.000,0.952)
SL4-037 (A,064,11-14-0): #03/15 N = 1.269 (1.000,0.000,0.000,1.072)
SL4-039 (A,065,11-14-1): #03/39 N = 1.420 (1.152,0.000,0.000,1.089)
SL4-039 (A,065,11-14-1): #11/47 N = 1.111 (1.030,0.000,0.000,0.972)
SL4-041 (A,066,11-14-2): #07/67 N = 1.207 (1.191,0.000,0.000,0.949)
SL4-042 (A,067,11-14-3): #11/83 N = 1.238 (1.576,0.000,0.000,0.975)
SL4-045 (A,108,12-16-0): #11/23 N = 1.000 (1.611,0.000,0.000,1.062)
SL4-049 (A,110,12-16-2): #07/67 N = 1.054 (1.200,0.000,0.000,1.032)
SL4-053 (A,116,12-15-0): #03/15 N = 1.251 (1.001,0.000,0.000,1.035)
SL4-057 (A,118,12-15-2): #03/63 N = 1.732 (1.628,0.000,0.000,0.284) --> HVD
SL4-057 (A,118,12-15-2): #07/67 N = 1.743 (1.997,0.000,0.000,1.032)
SL4-065 (A,130,12-14-2): #07/67 N = 1.753 (1.903,0.000,0.000,1.049)
SL4-073 (B,214,13-09-2): #03/63 N = 1.021 (1.229,0.000,0.000,1.069)
SL4-073 (B,214,13-09-2): #07/67 N = 1.194 (1.282,0.000,0.000,0.982)
SL4-087 (B,265,13-07-1): #11/47 N = 1.243 (1.264,0.000,0.000,0.999)
SL4-089 (B,266,13-07-2): #03/63 N = 1.000 (1.141,0.000,0.000,0.969)
SL4-097 (B,302,14-09-2): #03/63 N = 1.000 (1.134,0.000,0.000,0.962)
SL4-098 (B,303,14-09-3): #11/83 N = 1.057 (1.837,0.000,0.000,1.035)
SL4-103 (B,309,14-08-1): #11/47 N = 1.666 (1.001,0.000,0.000,1.035)
SL4-105 (B,310,14-08-2): #07/67 N = 1.407 (1.777,0.000,0.000,0.922)
SL4-113 (B,318,14-07-2): #03/63 N = 1.955 (1.956,0.000,0.000,1.025)
SL4-113 (B,318,14-07-2): #07/67 N = 1.945 (1.993,0.000,0.000,1.042)
SL4-125 (B,360,15-07-0): #03/15 N = 1.178 (1.000,0.000,0.000,1.062)
SL4-129 (B,362,15-07-2): #03/63 N = 1.487 (1.032,0.000,0.000,1.079)
SL4-129 (B,362,15-07-2): #07/67 N = 1.936 (2.000,0.000,0.000,0.975)
SL4-130 (B,363,15-07-3): #11/83 N = 1.004 (1.245,0.000,0.000,1.056)
SL4-137 (B,374,15-06-2): #07/67 N = 1.549 (1.808,0.000,0.000,1.072)
SL4-138 (B,375,15-06-3): #11/83 N = 1.002 (1.664,0.000,0.000,0.962)
SL4-145 (C,378,15-05-2): #07/67 N = 1.025 (1.262,0.000,0.000,1.025)
SL4-153 (C,414,16-08-2): #03/63 N = 1.757 (1.962,0.000,0.000,1.049)
SL4-153 (C,414,16-08-2): #07/67 N = 1.372 (1.821,0.000,0.000,1.106)
SL4-162 (C,419,16-07-3): #11/83 N = 1.005 (1.116,0.000,0.000,0.892)
SL4-169 (C,446,16-06-2): #07/67 N = 1.780 (1.974,0.000,0.000,0.975)
SL4-177 (C,466,16-05-2): #07/67 N = 1.970 (2.000,0.000,0.000,1.009)
SL4-185 (C,482,17-08-2): #03/63 N = 1.051 (1.119,0.000,0.000,0.979) --> TRK
SL4-185 (C,482,17-08-2): #07/67 N = 1.292 (1.679,0.000,0.000,1.029) --> TRK
SL4-186 (C,483,17-08-3): #11/83 N = 1.000 (1.331,0.000,0.000,1.025) --> TRK
SL4-201 (C,542,17-06-2): #07/67 N = 1.616 (1.738,0.000,0.000,0.995)
SL4-209 (C,566,17-05-2): #07/67 N = 1.504 (1.934,0.000,0.000,0.949)
SL4-233 (D,598,18-16-2): #07/67 N = 1.000 (1.178,0.000,0.000,0.872)
SL4-241 (D,642,18-15-2): #07/67 N = 1.809 (2.000,0.000,0.000,0.909)
SL4-242 (D,643,18-15-3): #11/83 N = 1.027 (1.317,0.000,0.000,0.955)
SL4-265 (D,698,19-16-2): #07/67 N = 1.004 (1.645,0.000,0.000,0.952)
SL4-281 (D,750,10-18-2): #07/67 N = 1.000 (1.125,0.000,0.000,0.995)
SL5-009 (A,040,11-13-0): #03/15 N = 1.145 (1.000,0.000,0.000,1.010)
SL5-013 (A,042,11-13-2): #07/67 N = 2.000 (2.000,0.000,0.000,1.001)
SL5-017 (A,048,11-12-0): #11/23 N = 1.514 (1.907,0.000,0.000,1.084)
SL5-025 (A,072,11-11-0): #03/15 N = 1.132 (1.000,0.000,0.000,1.014)
SL5-046 (A,083,11-09-3): #11/83 N = 1.004 (1.323,0.000,0.000,0.997)
SL5-049 (A,120,12-13-0): #03/15 N = 1.228 (1.020,0.000,0.000,1.055)
SL5-054 (A,123,12-13-3): #11/83 N = 1.278 (1.324,0.000,0.000,1.039)
SL5-073 (A,156,12-10-0): #03/15 N = 1.464 (1.667,0.000,0.000,1.093)
SL5-081 (A,168,12-09-0): #03/15 N = 1.475 (1.293,0.000,0.000,1.089)
SL5-082 (A,169,12-09-1): #00/24 N = 3.008 (2.005,0.000,0.000,0.785)
SL5-082 (A,169,12-09-1): #09/33 N = 1.991 (1.985,0.000,0.004,0.316) --> HVD
SL5-100 (B,242,13-13-2): #01/49 N = 1.464 (1.454,0.000,0.000,0.956) --> TRK
SL5-105 (B,244,13-12-0): #03/15 N = 1.075 (1.456,0.000,0.000,0.960)
SL5-113 (B,260,13-11-0): #03/15 N = 1.152 (1.858,0.000,0.000,1.084)
SL5-115 (B,261,13-11-1): #11/47 N = 1.417 (1.059,0.000,0.000,0.976)
SL5-125 (B,282,13-10-2): #07/67 N = 1.301 (1.760,0.000,0.000,0.931)
SL5-145 (B,332,14-12-0): #03/15 N = 1.066 (1.327,0.000,0.000,1.039)
SL5-150 (B,335,14-12-3): #11/83 N = 1.580 (1.514,0.000,0.000,0.981)
SL5-169 (C,392,15-11-0): #03/15 N = 1.383 (1.009,0.000,0.000,0.976)
SL5-173 (C,394,15-11-2): #07/67 N = 1.176 (1.764,0.000,0.000,0.897)
SL5-197 (C,454,16-11-2): #07/67 N = 1.193 (1.349,0.000,0.000,0.985)
SL5-217 (C,516,17-13-0): #03/15 N = 1.151 (1.000,0.000,0.001,0.951)
SL5-225 (C,520,17-12-0): #03/15 N = 1.988 (1.858,0.000,0.000,1.072)
SL5-237 (C,534,17-11-2): #07/67 N = 1.000 (1.266,0.000,0.000,0.926)
SL5-246 (C,539,17-10-3): #11/83 N = 6.302 (7.387,0.000,0.000,1.969)
SL5-257 (D,600,18-14-0): #03/15 N = 1.643 (1.079,0.000,0.000,0.981)
SL5-265 (D,604,18-13-0): #09/21 N = 1.941 (1.787,0.000,0.000,0.972)
SL5-269 (D,606,18-13-2): #07/67 N = 1.160 (1.439,0.000,0.000,1.010)
SL5-285 (D,658,18-11-2): #07/67 N = 1.030 (1.481,0.000,0.000,0.918)
SL6-006 (A,011,00-07-3): #11/83 N = 1.217 (1.210,0.000,0.000,0.825)
SL6-013 (A,018,00-06-2): #07/67 N = 1.101 (1.856,0.000,0.000,0.973)
SL6-021 (A,022,00-05-2): #03/63 N = 1.004 (1.269,0.000,0.000,1.044)
SL6-021 (A,022,00-05-2): #07/67 N = 1.765 (2.000,0.000,0.000,0.929)
SL6-031 (A,063,01-12-3): #11/95 N = 1.914 (1.980,0.000,0.000,1.049)
SL6-046 (A,071,01-10-3): #11/83 N = 1.366 (1.397,0.000,0.000,1.011)
SL6-053 (A,074,01-09-2): #07/67 N = 1.072 (1.218,0.000,0.000,0.929)
SL6-061 (A,114,02-11-2): #07/67 N = 1.783 (1.999,0.000,0.000,0.825)
SL6-062 (A,115,02-11-3): #11/83 N = 1.132 (1.723,0.000,0.000,1.109)
SL6-069 (A,130,02-10-2): #07/67 N = 1.017 (1.479,0.000,0.000,1.000)
SL6-077 (A,134,02-09-2): #07/67 N = 1.247 (1.556,0.000,0.000,0.989)
SL6-089 (A,204,03-15-0): #03/15 N = 1.229 (1.000,0.000,0.000,1.126)
SL6-101 (B,238,03-14-2): #03/63 N = 1.128 (1.085,0.000,0.001,1.082)
SL6-101 (B,238,03-14-2): #07/67 N = 1.416 (1.961,0.000,0.001,1.066)
SL6-115 (B,269,03-12-1): #11/47 N = 1.705 (1.869,0.000,0.000,1.027)
SL6-117 (B,270,03-12-2): #03/63 N = 1.334 (1.755,0.000,0.000,0.863)
SL6-117 (B,270,03-12-2): #07/67 N = 1.438 (1.566,0.000,0.000,0.984)
SL6-118 (B,271,03-12-3): #11/83 N = 1.503 (1.868,0.000,0.000,1.027)
SL6-123 (B,289,04-14-1): #03/39 N = 1.240 (1.124,0.000,0.000,1.022)
SL6-131 (B,293,04-13-1): #11/47 N = 1.037 (1.116,0.000,0.000,0.945)
SL6-133 (B,294,04-13-2): #07/67 N = 1.779 (1.980,0.000,0.000,0.951)
SL6-146 (B,305,04-11-1): #11/35 N = 1.987 (1.841,0.000,0.000,1.104)
SL6-149 (B,306,04-11-2): #07/67 N = 1.798 (1.920,0.000,0.000,1.098)
SL6-163 (B,333,05-17-1): #03/39 N = 1.204 (1.004,0.000,0.000,1.055)
SL6-165 (B,334,05-17-2): #07/67 N = 1.315 (1.991,0.000,0.000,0.989)
SL6-173 (B,358,05-16-2): #07/67 N = 1.434 (1.646,0.000,0.000,1.115)
SL6-181 (B,362,05-15-2): #07/67 N = 1.176 (1.655,0.000,0.000,1.038)
SL6-189 (B,394,05-14-2): #07/67 N = 1.722 (1.782,0.000,0.000,1.060)
SL6-190 (B,395,05-14-3): #11/83 N = 1.216 (1.549,0.000,0.000,1.115)
SL6-197 (C,398,05-13-2): #03/63 N = 1.538 (1.833,0.000,0.000,1.126)
SL6-197 (C,398,05-13-2): #07/67 N = 1.445 (1.835,0.000,0.000,0.924)
SL6-198 (C,399,05-13-3): #03/75 N = 1.505 (1.660,0.000,0.001,1.142)
SL6-201 (C,408,06-16-0): #03/15 N = 1.305 (1.000,0.000,0.000,1.022)
SL6-205 (C,410,06-16-2): #03/63 N = 1.001 (1.797,0.000,0.000,0.984)
SL6-213 (C,414,06-15-2): #03/63 N = 1.133 (1.962,0.000,0.000,0.989)
SL6-213 (C,414,06-15-2): #07/67 N = 1.024 (1.371,0.000,0.000,1.027)
SL6-227 (C,449,06-13-1): #09/45 N = 1.509 (1.832,0.000,0.000,0.945)
SL6-227 (C,449,06-13-1): #11/47 N = 1.875 (1.760,0.000,0.000,1.011)
SL6-229 (C,450,06-13-2): #03/63 N = 1.109 (1.619,0.000,0.000,1.011)
SL6-237 (C,458,06-12-2): #07/67 N = 1.048 (1.678,0.000,0.000,0.945)
SL6-261 (C,518,07-13-2): #07/67 N = 1.197 (1.221,0.000,0.000,0.951)
SL6-293 (D,586,08-11-2): #03/63 N = 1.018 (1.116,0.000,0.000,0.924)
SL6-317 (D,618,08-08-2): #07/67 N = 1.651 (1.993,0.000,0.000,0.951)
SL6-333 (D,678,09-10-2): #07/67 N = 1.087 (1.858,0.000,0.000,0.967)
SL7-009 (A,028,01-08-0): #03/15 N = 1.636 (1.336,0.000,0.000,1.017)
SL7-025 (A,052,01-06-0): #03/15 N = 1.819 (1.435,0.000,0.000,0.908)
SL7-029 (A,054,01-06-2): #07/67 N = 1.695 (1.845,0.000,0.000,1.106)
SL7-033 (A,076,01-05-0): #03/15 N = 1.667 (1.161,0.000,0.000,0.915)
SL7-045 (A,082,01-04-2): #08/68 N = 1.933 (1.913,0.000,0.000,0.280) --> HVD
SL7-049 (A,088,01-03-0): #03/15 N = 1.197 (1.127,0.000,0.000,1.119)
SL7-067 (A,141,02-07-1): #11/47 N = 1.088 (1.141,0.000,0.000,0.996)
SL7-069 (A,142,02-07-2): #07/67 N = 1.857 (1.994,0.000,0.000,0.908)
SL7-070 (A,143,02-07-3): #11/83 N = 1.999 (2.000,0.000,0.000,0.949)
SL7-077 (A,146,02-06-2): #07/67 N = 1.771 (1.899,0.000,0.000,0.949)
SL7-085 (A,162,02-05-2): #07/67 N = 1.000 (1.108,0.000,0.000,1.072)
SL7-091 (A,165,02-04-1): #11/47 N = 1.724 (1.967,0.000,0.000,0.990)
SL7-095 (A,167,02-04-3): #00/84 N = 1.116 (1.050,0.000,0.000,1.003)
SL7-109 (B,186,02-02-2): #07/67 N = 1.045 (1.571,0.000,0.000,0.976)
SL7-113 (B,196,03-21-0): #03/15 N = 1.956 (1.625,0.000,0.000,0.969)
SL7-117 (B,198,03-21-2): #07/67 N = 1.001 (1.119,0.000,0.000,1.051)
SL7-123 (B,201,03-20-1): #03/39 N = 1.143 (1.000,0.000,0.000,1.092)
SL7-129 (B,216,03-19-0): #03/15 N = 1.401 (1.000,0.000,0.000,1.072)
SL7-149 (B,250,03-17-2): #07/67 N = 1.074 (1.104,0.000,0.000,0.976)
SL7-205 (B,346,04-16-2): #07/67 N = 1.046 (1.538,0.000,0.000,1.010)
SL7-213 (B,354,04-15-2): #07/67 N = 1.010 (1.168,0.000,0.000,0.996)
SL7-233 (C,388,05-19-0): #03/15 N = 1.188 (1.000,0.000,0.000,0.983)
SL7-249 (C,424,06-20-0): #03/15 N = 1.983 (1.999,0.000,0.000,0.942)
SL7-251 (C,425,06-20-1): #03/39 N = 1.174 (1.000,0.000,0.000,0.915)
SL7-253 (C,426,06-20-2): #07/67 N = 1.010 (1.120,0.000,0.000,0.942)
SL7-259 (C,429,06-19-1): #11/47 N = 1.881 (1.077,0.000,0.000,0.908)
SL7-261 (C,430,06-19-2): #07/67 N = 1.008 (1.105,0.000,0.000,0.996)
SL7-262 (C,431,06-19-3): #11/83 N = 1.083 (1.469,0.000,0.001,0.976)
SL7-273 (C,444,06-17-0): #03/15 N = 1.741 (1.871,0.000,0.000,0.996)
SL7-275 (C,445,06-17-1): #11/47 N = 1.287 (1.005,0.000,0.000,0.942)
SL7-292 (C,490,07-20-2): #03/51 N = 1.996 (1.989,0.000,0.000,0.253) --> HVD
SL7-300 (C,494,07-19-2): #03/51 N = 2.929 (2.912,0.000,0.000,1.208) --> TRK
SL7-305 (C,496,07-18-0): #03/15 N = 1.867 (1.313,0.000,0.000,1.058)
SL7-313 (C,512,07-17-0): #03/15 N = 1.383 (1.004,0.000,0.000,0.956)
SL7-321 (C,552,07-16-0): #06/18 N = 1.807 (1.680,0.000,0.000,0.205) --> HVD
SL7-377 (D,692,09-06-0): #03/15 N = 1.293 (1.000,0.000,0.000,1.017)
SL7-393 (D,708,09-04-0): #03/15 N = 1.130 (1.936,0.000,0.000,0.894)
SL7-406 (D,715,09-03-3): #11/83 N = 1.000 (1.216,0.000,0.000,1.003)
SL7-417 (D,740,00-04-0): #03/15 N = 1.789 (1.675,0.000,0.000,0.942)
SL7-421 (D,742,00-04-2): #07/67 N = 1.082 (1.752,0.000,0.000,0.942)
SL7-429 (D,746,00-03-2): #07/67 N = 1.063 (1.323,0.000,0.000,0.996)
SL8-005 (A,020,10-08-0): #03/15 N = 1.290 (1.000,0.000,0.004,1.002)
SL8-017 (A,030,10-07-2): #07/67 N = 1.036 (1.326,0.000,0.000,0.941)
SL8-018 (A,031,10-07-3): #11/83 N = 1.081 (1.103,0.000,0.000,0.941)
SL8-021 (A,032,10-06-0): #07/19 N = 1.222 (1.000,0.000,0.000,1.097)
SL8-025 (A,034,10-06-2): #03/63 N = 1.222 (1.654,0.000,0.000,1.062)
SL8-025 (A,034,10-06-2): #07/67 N = 1.735 (1.984,0.000,0.000,0.820)
SL8-031 (A,037,10-05-1): #11/47 N = 1.171 (1.003,0.000,0.000,0.881)
SL8-041 (A,070,11-08-2): #03/63 N = 1.088 (1.808,0.000,0.000,1.028)
SL8-041 (A,070,11-08-2): #07/67 N = 1.557 (1.680,0.000,0.000,0.855)
SL8-042 (A,071,11-08-3): #03/75 N = 1.303 (1.312,0.000,0.000,0.976)
SL8-042 (A,071,11-08-3): #11/83 N = 1.750 (1.982,0.000,0.000,0.984)
SL8-050 (A,087,11-07-3): #11/83 N = 1.715 (1.107,0.000,0.000,1.088)
SL8-055 (A,089,11-06-1): #11/47 N = 1.000 (1.174,0.000,0.000,0.993)
SL8-064 (A,094,11-05-2): #01/49 N = 1.519 (1.632,0.000,0.000,0.889)
SL8-065 (A,094,11-05-2): #03/63 N = 1.002 (1.600,0.000,0.000,0.950)
SL8-065 (A,094,11-05-2): #07/67 N = 1.001 (1.161,0.000,0.000,0.984)
SL8-071 (A,097,11-04-1): #03/39 N = 1.948 (1.833,0.000,0.000,0.855)
SL8-071 (A,097,11-04-1): #11/47 N = 1.618 (1.000,0.000,0.000,0.846)
SL8-073 (A,098,11-04-2): #03/63 N = 1.638 (1.809,0.000,0.000,1.045)
SL8-081 (A,154,12-08-2): #07/67 N = 1.122 (1.035,0.000,0.000,0.881)
SL8-089 (A,162,12-07-2): #07/67 N = 1.000 (1.114,0.000,0.000,0.898)
SL8-097 (A,174,12-06-2): #07/67 N = 1.000 (1.355,0.000,0.000,0.984)
SL8-105 (A,178,12-05-2): #07/67 N = 1.054 (1.360,0.000,0.000,1.036)
SL8-109 (A,180,12-04-0): #03/15 N = 1.136 (1.000,0.000,0.000,1.028)
SL8-111 (A,181,12-04-1): #11/47 N = 1.139 (1.008,0.000,0.000,1.036)
SL8-113 (A,182,12-04-2): #07/67 N = 1.600 (1.808,0.000,0.000,0.915)
SL8-121 (B,194,13-19-2): #07/67 N = 1.040 (1.262,0.000,0.002,1.079)
SL8-122 (B,195,13-19-3): #11/83 N = 1.083 (1.391,0.000,0.008,1.123)
SL8-129 (B,206,13-18-2): #07/67 N = 1.817 (1.955,0.001,0.004,0.907)
SL8-130 (B,207,13-18-3): #11/83 N = 1.496 (1.554,0.000,0.000,0.881)
SL8-145 (B,226,13-16-2): #07/67 N = 1.059 (1.260,0.000,0.000,0.967)
SL8-161 (B,274,14-19-2): #03/63 N = 1.000 (1.557,0.000,0.000,1.062)
SL8-161 (B,274,14-19-2): #07/67 N = 1.030 (1.713,0.000,0.000,0.993)
SL8-169 (B,278,14-18-2): #03/63 N = 1.245 (1.726,0.000,0.000,0.976)
SL8-169 (B,278,14-18-2): #07/67 N = 1.097 (1.487,0.000,0.000,1.071)
SL8-170 (B,279,14-18-3): #11/83 N = 1.219 (1.809,0.000,0.000,1.002)
SL8-185 (B,294,14-16-2): #07/67 N = 1.792 (1.982,0.000,0.000,0.958)
SL8-189 (B,296,14-15-0): #03/15 N = 1.291 (1.000,0.000,0.000,1.036)
SL8-193 (B,298,14-15-2): #07/67 N = 1.426 (1.838,0.000,0.000,1.079)
SL8-201 (B,322,15-18-2): #07/67 N = 1.816 (1.994,0.000,0.000,0.915)
SL8-209 (B,330,15-17-2): #07/67 N = 1.358 (1.980,0.000,0.000,1.157)
SL8-210 (B,331,15-17-3): #11/83 N = 1.002 (1.839,0.000,0.000,0.950)
SL8-233 (B,366,15-14-2): #03/63 N = 1.233 (1.632,0.000,0.000,1.053)
SL8-233 (B,366,15-14-2): #07/67 N = 1.122 (1.573,0.000,0.000,1.019)
SL8-241 (C,370,15-13-2): #07/67 N = 1.952 (1.986,0.000,0.000,0.907)
SL8-249 (C,390,15-12-2): #07/67 N = 1.220 (1.954,0.000,0.000,1.002)
SL8-257 (C,410,16-18-2): #07/67 N = 1.024 (1.289,0.000,0.000,0.881)
SL8-265 (C,426,16-17-2): #07/67 N = 1.106 (1.712,0.000,0.000,0.889)
SL8-281 (C,434,16-15-2): #07/67 N = 1.862 (1.964,0.000,0.000,0.958)
SL8-293 (C,440,16-13-0): #03/15 N = 1.755 (1.000,0.000,0.000,0.898)
SL8-297 (C,442,16-13-2): #07/67 N = 1.351 (1.674,0.000,0.000,1.028)
SL8-305 (C,450,16-12-2): #07/67 N = 1.000 (1.527,0.000,0.000,1.062)
SL8-306 (C,451,16-12-3): #11/83 N = 1.000 (1.362,0.000,0.000,1.053)
SL8-321 (C,498,17-18-2): #07/67 N = 1.000 (1.105,0.000,0.000,0.907)
SL8-345 (C,510,17-15-2): #07/67 N = 1.007 (1.160,0.000,0.000,0.950)
SL8-353 (C,514,17-14-2): #07/67 N = 1.020 (1.172,0.000,0.000,0.984)
SL8-370 (D,611,18-08-3): #11/83 N = 1.002 (1.171,0.000,0.000,0.812)
SL8-405 (D,680,19-11-0): #03/15 N = 1.536 (1.544,0.000,0.000,0.924) --> TRK
SL8-417 (D,686,19-10-2): #07/67 N = 1.002 (1.513,0.000,0.000,0.803)
SL8-418 (D,687,19-10-3): #11/83 N = 1.001 (1.590,0.000,0.000,1.028)
SL8-433 (D,702,19-08-2): #07/67 N = 1.019 (1.106,0.000,0.000,1.036)
SL8-436 (D,704,19-07-0): #08/08 N = 1.354 (0.266,0.000,0.000,0.518)
SL8-441 (D,706,19-07-2): #07/67 N = 1.036 (1.136,0.000,0.001,0.976)
SL8-457 (D,718,19-05-2): #07/67 N = 1.005 (1.108,0.000,0.002,1.010)
SL8-465 (D,722,10-11-2): #07/67 N = 1.939 (2.001,0.000,0.000,1.148)
SL8-466 (D,723,10-11-3): #11/83 N = 1.000 (1.145,0.000,0.000,0.829)
SL8-473 (D,746,10-10-2): #07/67 N = 1.240 (1.566,0.000,0.000,0.812)
SL8-474 (D,747,10-10-3): #11/83 N = 1.853 (1.957,0.000,0.000,0.889)

Total = 297
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