| Jitter (ms)            | Latency (ms)           | Packet Loss (%)       | Signal Strength (dBm)  | Issue      |
|------------------------|------------------------|-----------------------|------------------------|------------|
| 38.46961899327<br>489  | 230.7852717211         | 2.193737420655        | -55.72502959763<br>487 | Congestion |
| 29.58394998982         | 293.6017944465         | 2.407379883557        | -57.54450957903        | Congestion |
| 9115                   | 967                    | 7747                  | 072                    |            |
| 49.43185018044         | 156.1379350712         | 4.734824451257        | -50.04205800003        | Congestion |
| 052                    | 3228                   | 791                   | 188                    |            |
| 40.47806280661         | 274.6168294774         | 2.154674232811        | -40.33851198670        | Congestion |
| 8524                   | 7715                   | 3897                  | 223                    |            |
| 43.42033706072         | 265.0623050272         | 4.817115887509        | -42.93313760907        | Congestion |
| 1245                   | 8624                   | 3045                  | 304                    |            |
| 24.83948742403         | 229.5597441601         | 3.406472486397        | -58.70541574411        | Congestion |
| 9266                   | 134                    | 088                   | 0084                   |            |
| 37.66465934973         | 160.7522749109         | 4.894278968341        | -57.06372858188        | Congestion |
| 065                    | 1505                   | 132                   | 819                    |            |
| 47.13030907529         | 288.5438995472         | 3.657318199675        | -51.63883286824        | Congestion |
| 651                    | 7975                   | 1507                  | 834                    |            |
| 33.88104633625         | 207.5647757822         | 2.630916476589        | -52.80915394216        | Congestion |
| 7576                   | 9456                   | 5807                  | 74                     |            |
| 33.80014544080         | 297.7390761517         | 3.631345164489        | -45.58017151212        | Congestion |
| 662                    | 6256                   | 5793                  | 986                    |            |
| 22.10633962296         | 185.3634275026         | 3.032419412233        | -40.34965949572        | Congestion |
| 2924                   | 8597                   | 516                   | 218                    |            |
| 31.12337473915         | 290.3542294324         | 3.081701518178        | -57.10590136129        | Congestion |
| 3284                   | 5493                   | 728                   | 135                    |            |
| 47.77791168251         | 261.5274433644         | 4.670151262770        | -48.10648198716        | Congestion |
| 3036                   | 7364                   | 098                   | 02                     |            |
| 27.77993007689         | 230.8568112530         | 4.261443502806        | -58.65560266007        | Congestion |
| 0977                   | 598                    | 903                   | 2674                   |            |
| 42.32767141306         | 251.7615699533         | 4.392043278621        | -47.48354721440        | Congestion |
| 959                    | 5532                   | 126                   | 7835                   |            |
| 23.66948892572<br>9784 | 235.7517516974<br>6393 | 2.622736946642        | -50.33883996554<br>924 | Congestion |
| 32.60857346175         | 244.6210145580         | 3.178834450002        | -58.98956966135        | Congestion |
| 814                    | 1266                   | 684                   | 4025                   |            |
| 36.82246652187         | 192.3269090337         | 3.243364836382        | -56.58656145516        | Congestion |
| 845                    | 5914                   | 762                   | 594                    |            |
| 41.74377908996         | 215.5736949876         | 3.948652972480        | -48.47414600309        | Congestion |
| 9536                   | 4288                   | 2497                  | 437                    |            |
| 49.69441738742         | 155.4613184926         | 4.502485647607        | -55.45238550446        | Congestion |
| 8025                   | 1837                   | 472                   | 6186                   |            |
| 40.34613958161         | 295.7670461040         | 4.232770420415        | -48.95511861546        | Congestion |
| 427                    | 834                    | 803                   | 698                    |            |
| 20.00623950493         | 221.4728210068<br>6465 | 4.281376552373<br>968 | -55.80086816513<br>338 | Congestion |
| 46.32713234993         | 276.7633604016         | 4.007115500777        | -55.19117085746        | Congestion |
| 8694                   | 658                    | 541                   | 695                    |            |
| 25.21978538942         | 271.1034780106         | 3.652876967239        | -42.03373179156        | Congestion |
| 4644                   | 321                    | 1976                  | 959                    |            |

| 30.12288708905        | 281.4496285776         | 4.483480916944         | -53.33819355836         | Congestion |
|-----------------------|------------------------|------------------------|-------------------------|------------|
| 6206                  | 801                    | 823                    | 503                     |            |
| 27.52838308400        | 157.7929565095         | 3.466736085677         | -52.79037030072         | Congestion |
| 4105                  | 9585                   | 8187                   | 595                     |            |
| 28.02617618311        | 223.0338087529         | 3.987427582230         | -59.98277936436         | Congestion |
| 837                   | 9422                   | 116                    | 05                      |            |
| 35.30880804898        | 193.7998146908         | 2.294338390681         | -57.01357827906         | Congestion |
| 0524                  | 3958                   | 3697                   | 3495                    |            |
| 35.38394209698        | 275.4023951880         | 4.653448970685         | -53.87450477734         | Congestion |
| 208                   | 704                    | 82                     | 486                     |            |
| 48.72807511915<br>234 | 294.3937822168<br>914  | 4.737539307202         | -44.35492513898<br>5564 | Congestion |
| 33.47481960800        | 286.0204719557         | 2.782937318781         | -58.46427663244         | Congestion |
| 727                   | 5653                   | 11                     | 356                     |            |
| 36.00323980082<br>712 | 159.1402453483<br>1591 | 2.158900920345         | -40.35327232518<br>587  | Congestion |
| 35.25786736071        | 195.5847550801         | 3.952940029426         | -53.67240538640         | Congestion |
| 703                   | 1253                   | 0713                   | 2914                    |            |
| 36.56178465642        | 154.3776664920         | 4.430663647451         | -40.38410412732         | Congestion |
| 638                   | 232                    | 716                    | 7774                    |            |
| 28.45952080054        | 158.6356045549         | 4.261846689681         | -41.29544648264         | Congestion |
| 1412                  | 245                    | 947                    | 49                      |            |
| 20.25832591080        | 253.2444697091<br>8456 | 4.788951854177<br>968  | -51.07469669566<br>726  | Congestion |
| 30.73229970919        | 251.5673082556<br>5103 | 3.136090889325<br>559  | -40.60677625169<br>681  | Congestion |
| 37.65849761241        | 167.8611236980         | 3.284124865839         | -55.90996789221         | Congestion |
| 377                   | 4871                   | 7895                   | 815                     |            |
| 42.82024111776        | 249.5134527455         | 3.598389749764         | -58.47392945295         | Congestion |
| 597                   | 4532                   | 9604                   | 393                     |            |
| 32.56558922374        | 262.1648017605         | 3.272679890753         | -47.18784576790         | Congestion |
| 673                   | 327                    | 7282                   | 3895                    |            |
| 38.32723822755        | 298.5050819880         | 4.672839286125         | -55.10968574705         | Congestion |
| 9704                  | 084                    | 171                    | 376                     |            |
| 21.72871095400        | 271.9766225197         | 2.024335486353         | -54.85154143690         | Congestion |
| 774                   | 123                    | 5705                   | 261                     |            |
| 42.16514177647        | 153.0447926653         | 4.308424185097         | -52.31412850123         | Congestion |
| 247                   | 834                    | 264                    | 9004                    |            |
| 30.30929202319        | 242.7680860029         | 4.728925699009         | -44.05184431748         | Congestion |
| 546                   | 3725                   | 105                    | 8516                    |            |
| 35.23745722052        | 293.7245604116         | 4.692720531133         | -58.09778530014         | Congestion |
| 482                   | 383                    | 7215                   | 0316                    |            |
| 43.33183731471        | 155.7108849740         | 4.973276108853         | -46.70397993141         | Congestion |
| 311                   | 9144                   | 845                    | 4004                    |            |
| 24.15868108364        | 195.1112213487         | 3.291500872342         | -45.84834218056         | Congestion |
| 9736                  | 424                    | 5845                   | 1716                    |            |
| 25.34581168392        | 159.3477495023         | 3.668202192308         | -49.86632987993         | Congestion |
| 476                   | 2705                   | 2995                   | 857                     |            |
| 23.36436023459 5583   | 265.6586858529<br>776  | 4.148497880636<br>6595 | -41.58400253783<br>9766 | Congestion |
| 35.62950706594        | 263.7904873630         | 2.445031553039         | -52.43267067761         | Congestion |
| 478                   | 611                    | 656                    | 53                      |            |

| 48.54862866537 | 174.2558331626         | 4.789054269730         | -52.31939769236         | Congostion |
|----------------|------------------------|------------------------|-------------------------|------------|
| 297            | 22                     | 302                    | 622                     |            |
| 27.13506544531 | 172.2253201151         | 3.675490826143         | -45.73909868141         | Congestion |
| 5607           | 7973                   | 697                    | 797                     |            |
| 30.74185871968 | 211.2828468564         | 3.001796316831         | -47.65030104590         | Congestion |
| 2455           | 735                    | 8422                   | 643                     |            |
| 43.23301748553 | 294.1913708572         | 4.633140862664         | -41.84484861381         | Congestion |
| 406            | 2366                   | 659                    | 5586                    |            |
| 49.52452842500 | 218.6237048458<br>5557 | 3.275807470282<br>2313 | -51.46205996996<br>069  | Congestion |
| 31.18852498130 | 281.6611333784         | 4.585644437873         | -52.51249146404         | Congestion |
| 3708           | 1887                   | 86                     | 082                     |            |
| 32.37467553160 | 216.8475079082<br>4393 | 3.953142654107<br>474  | -55.90207058890<br>513  | Congestion |
| 36.00802390137 | 224.6182686774         | 3.089050117703         | -42.35159376130         | Congestion |
| 7484           | 0166                   | 68                     | 213                     |            |
| 31.61749177133 | 222.5151625594         | 3.382303898382         | -43.72917691107         | Congestion |
| 2467           | 6208                   | 824                    | 3495                    |            |
| 30.50966527197 | 151.2189458041         | 3.676409163688         | -51.54497997187         | Congestion |
| 9898           | 9257                   | 093                    | 411                     |            |
| 36.35964193932 | 267.1211005101         | 3.260050815220         | -50.96196710867         | Congestion |
| 388            | 5054                   | 8034                   | 9914                    |            |
| 35.07693605273 | 216.1386857417         | 2.558187672772         | -44.93519522220         | Congestion |
| 593            | 369                    | 7533                   | 1955                    |            |
| 43.32701344927 | 166.4780144457         | 4.910198396943         | -55.79520143332         | Congestion |
| 7615           | 8226                   | 9456                   | 601                     |            |
| 32.76373642830 | 267.9780518963         | 3.600524713545         | -54.79461800325         | Congestion |
| 701            | 312                    | 907                    | 4                       |            |
| 46.22177445878 | 220.0917291591<br>9243 | 2.427607185165<br>548  | -48.62911860338<br>29   | Congestion |
| 41.62327069093 | 289.0438945959<br>5643 | 4.273167324837<br>173  | -57.62062855600<br>214  | Congestion |
| 42.53046355329 | 164.7007099964<br>3735 | 3.033109172306<br>9203 | -54.69260278333<br>035  | Congestion |
| 45.94728441258 | 223.4319371566         | 3.326499665550         | -47.08315679155         | Congestion |
| 627            | 874                    | 3967                   | 554                     |            |
| 27.04031555170 | 214.5483085518         | 4.435787125765         | -56.32723853285         | Congestion |
| 063            | 3076                   | 874                    | 7926                    |            |
| 35.13327213134 | 180.3574731580         | 3.911842444863         | -51.53841065395         | Congestion |
| 119            | 7828                   | 5647                   | 689                     |            |
| 42.87294012225 | 188.1460397810         | 4.578630409266         | -42.21823160583         | Congestion |
| 9635           | 337                    | 992                    | 331                     |            |
| 45.63927617654 | 235.4465121529         | 2.049629664001         | -43.52771783766         | Congestion |
| 302            | 1765                   | 5585                   | 543                     |            |
| 33.42027929633 | 223.8394689223<br>167  | 2.136623934388<br>9695 | -48.58181276826<br>299  | Congestion |
| 24.61785395595 | 182.6169167831         | 3.153585312873         | -41.55444328328         | Congestion |
| 7113           | 3542                   | 304                    | 56                      |            |
| 38.68863704982 | 227.9280991715         | 2.656118740871         | -43.88790047511         | Congestion |
| 888            | 4779                   | 71                     | 138                     |            |
| 20.70994883842 | 255.4329353460<br>3978 | 3.997611137910<br>8463 | -42.67240129660<br>8435 | Congestion |

| 48.23236560276      | 224.0334729630         | 3.414429641496         | -45.66588461828         | Congestion |
|---------------------|------------------------|------------------------|-------------------------|------------|
| 178                 | 9758                   | 505                    | 177                     |            |
| 25.49372087643      | 156.6273981550         | 3.425175292117         | -40.37895617739         | Congestion |
| 1805                | 4773                   | 052                    | 3576                    |            |
| 23.94187931031      | 228.3869411975         | 2.231842526948         | -46.77730457094         | Congestion |
| 4643                | 3376                   | 4283                   | 291                     |            |
| 47.15171070153      | 197.5147207190         | 2.838340445797         | -48.76099076073         | Congestion |
| 241                 | 3788                   | 781                    | 2284                    |            |
| 46.53985482856      | 178.1782557300         | 4.317041773147         | -44.35583913234         | Congestion |
| 572                 | 478                    | 304                    | 62                      |            |
| 45.59838022330      | 195.9548396105         | 3.864018332815         | -43.35578451055         | Congestion |
| 102                 | 1357                   | 7374                   | 532                     |            |
| 33.73248764172      | 270.8614275336         | 4.174987316852         | -45.15410239511         | Congestion |
| 493                 | 703                    | 457                    | 954                     |            |
| 23.25640741365      | 280.4932579631<br>4815 | 2.275938721716<br>6136 | -50.68703966350<br>5466 | Congestion |
| 47.59684506541      | 248.9105223722         | 3.741338074524         | -45.46815063309         | Congestion |
| 1465                | 72                     | 7613                   | 8084                    |            |
| 25.84181911262      | 193.9208984544         | 2.042824041087         | -52.76265271405         | Congestion |
| 3195                | 5068                   | 747                    | 842                     |            |
| 28.70619722218      | 192.0082149001         | 4.716430284732         | -54.11115064809         | Congestion |
| 1622                | 954                    | 475                    | 304                     |            |
| 30.49746467811      | 159.4971358480<br>2893 | 3.024747796574<br>115  | -59.94025275071<br>5814 | Congestion |
| 42.95965428652      | 155.9324064057<br>3137 | 2.830059101801<br>5884 | -57.13399581342<br>593  | Congestion |
| 37.46456779050      | 272.3999471659         | 4.674338063285         | -49.57583238425         | Congestion |
| 717                 | 091                    | 142                    | 417                     |            |
| 35.94865824235      | 268.7828367253         | 4.985244233014         | -42.63672394810         | Congestion |
| 7645                | 352                    | 934                    | 873                     |            |
| 37.43877248369      | 231.1262283995         | 4.848915829416         | -52.85132748003         | Congestion |
| 263                 | 0973                   | 082                    | 809                     |            |
| 29.24589103590      | 159.1098449018         | 4.809398622930         | -55.93614379360         | Congestion |
| 3256                | 861                    | 617                    | 042                     |            |
| 23.55616251745      | 172.4102083604<br>1392 | 4.114106801245<br>2715 | -44.77915079773<br>241  | Congestion |
| 30.11027988959 2064 | 208.7549676142<br>766  | 2.537372859399<br>933  | -53.64215541727<br>408  | Congestion |
| 23.91997965241      | 255.6176285898<br>0163 | 4.320679649042<br>109  | -54.98580854689<br>654  | Congestion |
| 22.93252610572      | 190.0239168301         | 3.022415573298         | -44.01282886476         | Congestion |
| 9913                | 3627                   | 9852                   | 0195                    |            |
| 42.12621641696      | 247.4363975831<br>518  | 4.291427580060         | -59.61630444701<br>9374 | Congestion |
| 29.75960881626      | 168.1473900680         | 2.348632905076         | -41.93675942563         | Congestion |
| 9722                | 8992                   | 0815                   | 6                       |            |
| 46.59051049964      | 286.5470735708<br>4976 | 3.511472751377<br>518  | -48.89486643249<br>1554 | Congestion |
| 5.526731036801      | 92.55843461848         | 12.07641925864         | -79.43630396163         | Hardware   |
| 435                 |                        | 7118                   | 591                     | Failure    |
| 9.151784478773      | 66.89042823075         | 17.91861471587         | -72.08013235438         | Hardware   |
| 353                 |                        | 5794                   | 685                     | Failure    |

| 5.493362617101 | 50 02110060400        | 10 02072077700         | -71.17944872333        | Hardwaro            |
|----------------|-----------------------|------------------------|------------------------|---------------------|
| 177            | 339                   | 206                    | 993                    | Failure             |
| 9.457800459752 | 96.78292877135        | 10.89858555388         | -74.88118346662        | Hardware            |
| 773            | 166                   |                        | 657                    | Failure             |
| 8.400402162145 | 99.23638746163        | 18.54336810011         | -74.69203370488        | Hardware            |
| 04             |                       | 7533                   | 884                    | Failure             |
| 6.617669389571 | 71.64555321313        | 10.84494833297         | -75.88829267373        | Hardware            |
| 633            | 819                   |                        | 816                    | Failure             |
| 5.613654317206 | 92.49087748098        | 10.08179461552         | -78.34749070422        | Hardware            |
| 826            |                       | 1119                   | 57                     | Failure             |
| 5.653752507760 | 96.90871085473        | 19.93512926515         | -70.51853629641        | Hardware            |
| 913            | 745                   | 0792                   | 037                    | Failure             |
| 5.989804477805 | 96.34878109812        | 19.25081273896         | -72.16763496302        | Hardware            |
|                | 458                   | 096                    | 934                    | Failure             |
| 5.332013296667 | 80.21110033174        | 12.76074732704         | -72.53135477510        | Hardware            |
| 233            | 342                   | 7815                   | 314                    | Failure             |
| 5.115376054414 | 96.42405485345        | 17.39951953379         | -75.63500666639        | Hardware            |
| 46             |                       | 132                    | 082                    | Failure             |
| 9.090222524181 | 66.37946763977        | 17.87297697012         | -79.53153399156        | Hardware            |
| 755            | 097                   | 0085                   | 332                    | Failure             |
| 13.88070526343 | 60.45585397016        | 17.94035520877         | -72.48486214136        | Hardware            |
| 4875           |                       | 3575                   | 189                    | Failure             |
| 11.49880399265 | 93.18744369888        | 13.11843252816         | -74.16783327912        | Hardware            |
| 9251           |                       | 5119                   | 697                    | Failure             |
| 7.985802309497 | 96.49854295728        | 18.28706684386         | -76.59691541355        | Hardware            |
|                | 986                   | 7027                   | 336                    | Failure             |
| 5.278701728788 | 78.50359663594        | 14.38987625987         | -79.13783903530        | Hardware            |
| 925            | 496                   | 7443                   | 965                    | Failure             |
| 8.240218548724 | 94.64498773232        | 14.65732658717<br>0743 | -77.20847401072<br>547 | Hardware<br>Failure |
| 10.28024420502 | 98.76440306967        | 14.36202113982         | -70.53804094182        | Hardware            |
| 8971           | 993                   | 2167                   | 682                    | Failure             |
| 9.115394284668 | 81.12106602950        | 10.17993403476         | -73.96749094829        | Hardware            |
|                | 804                   | 1294                   | 423                    | Failure             |
| 12.31327117005 | 65.26795281206        | 10.74082490713         | -75.35629679558        | Hardware            |
| 7778           | 303                   |                        | 674                    | Failure             |
| 14.24363733722 | 87.42464261330        | 18.69287867393         | -79.06523452715        | Hardware            |
| 9526           | 936                   | 3123                   | 274                    | Failure             |
| 11.40775452661 | 90.07938838308        | 15.63624740466         | -71.25435759579        | Hardware            |
| 0098           |                       | 345                    | 514                    | Failure             |
| 9.275010804874 | 58.12912440103        | 10.29301262690         | -73.11145885442        | Hardware            |
|                | 551                   | 2376                   | 862                    | Failure             |
| 5.102491297299 | 84.58016209872<br>515 | 12.46153856451         | -78.54649267526<br>389 | Hardware<br>Failure |
| 5.955088820109 | 61.99794095809        | 11.51978298400         | -79.95202902505        | Hardware            |
| 8555           |                       | 9856                   | 004                    | Failure             |
| 12.44549405921 | 95.80966330721        | 10.88707236295         | -79.72098922318        | Hardware            |
| 0816           | 054                   | 3152                   | 818                    | Failure             |
| 9.473213277477 | 69.02489130863        | 15.19233392176         | -79.26304289328        | Hardware            |
|                | 322                   | 99                     | 446                    | Failure             |
| 5.699488418054 | 75.45339166224        | 13.93136271834         | -77.48105747522        | Hardware            |
| 34             | 873                   | 5028                   | 601                    | Failure             |

| 10.70978961089        | 62 39798455841 | 11 25404147199         | -74.40327333728        | Hardware            |
|-----------------------|----------------|------------------------|------------------------|---------------------|
| 6092                  | 93             | 8939                   | 364                    | Failure             |
| 7.345849759559        | 60.93892503383 | 8786                   | -73.56217874270<br>139 | Hardware<br>Failure |
| 11.53338277191        | 52.58887029286 | 12.51415225190         | -70.52086961256        | Hardware            |
| 6457                  | 809            | 9323                   | 168                    | Failure             |
| 9.140607105219        | 56.56871785486 | 15.22301358839         | -71.17930487887        | Hardware            |
| 157                   | 175            | 3977                   | 96                     | Failure             |
| 14.71031771597        | 52.23328625048 | 18.12829180864         | -78.49367259223        | Hardware            |
| 1206                  | 931            | 8477                   | 106                    | Failure             |
| 9.869289154599        | 76.50633778653 | 11.53093138506         | -77.52966676285        | Hardware            |
| 699                   | 962            | 281                    | 479                    | Failure             |
| 13.40999674820        | 84.66035091879 | 13.65316454194         | -75.18221918824        | Hardware            |
| 8608                  | 095            | 2656                   | 17                     | Failure             |
| 11.99063783776        | 87.86512192061 | 19.81913998536         | -70.65570250398        | Hardware            |
| 9551                  | 828            | 791                    | 167                    | Failure             |
| 12.53435359309        | 76.09082402300 | 16.95439218718         | -70.86551620784        | Hardware            |
|                       | 223            | 8937                   | 888                    | Failure             |
| 8.201708699397<br>727 | 60.81716287601 | 10.53544375791 4235    | -78.29075550545<br>103 | Hardware<br>Failure |
| 12.06969655609        | 93.61035646431 | 14.72365151532         | -78.09115494110        | Hardware            |
| 7876                  |                | 0526                   | 326                    | Failure             |
| 11.20379882127        | 54.14893751960 | 17.56673730920         | -70.78930875321        | Hardware            |
| 7786                  | 0246           | 987                    | 227                    | Failure             |
| 7.394155494581        | 67.52826168904 | 12.70232998497         | -72.55549915266        | Hardware            |
| 676                   | 485            | 0113                   | 553                    | Failure             |
| 13.21382843771        | 77.10368081257 | 10.23818074992         | -70.35687936830        | Hardware            |
| 0404                  | 265            | 6114                   | 762                    | Failure             |
| 7.771648432391        | 96.29672907016 | 12.90789386590         | -72.80785096619        | Hardware            |
| 9035                  | 638            | 0947                   | 094                    | Failure             |
| 11.22683137056        | 92.88979036371 | 17.37353226919         | -71.84472517994        | Hardware            |
| 8588                  |                | 8698                   | 085                    | Failure             |
| 9.613623978804        | 66.78815693098 | 11.12636755797         | -74.66214936322        | Hardware            |
| 117                   | 848            | 097                    | 467                    | Failure             |
| 12.97449301736        | 51.90923581895 | 17.80022913077         | -75.77981699200        | Hardware            |
| 9333                  | 924            | 5175                   | 588                    | Failure             |
| 7.681390416177        | 96.84451313552 | 15.85715363680         | -70.01493263377        | Hardware            |
| 321                   | 576            | 7706                   | 114                    | Failure             |
| 9.078327962958        | 64.13240631448 | 15.66950823036         | -72.01783611995        | Hardware            |
| 594                   | 735            | 4116                   | 319                    | Failure             |
| 7.337956613480        | 75.40164956698 | 19.80042166932         | -71.65381950211        | Hardware            |
| 553                   | 167            | 3665                   | 393                    | Failure             |
| 6.713840557041        | 87.98447164920 | 16.17945267071         | -77.71399367487        | Hardware            |
| 564                   | 663            | 2287                   | 811                    | Failure             |
| 10.55162891230        | 90.29002012865 | 11.95855720327         | -74.17693434625        | Hardware            |
| 4015                  |                | 9046                   | 403                    | Failure             |
| 9.642869427927        | 65.36023450054 | 14.05181488089<br>2081 | -70.55894692568<br>263 | Hardware<br>Failure |
| 7.121163474615        | 50.50458373336 | 18.14929773986         | -72.90758166217        | Hardware            |
| 372                   | 854            | 4306                   | 958                    | Failure             |
| 7.834728605137        | 60.01224895670 | 16.95262745968         | -75.11906207911        | Hardware            |
| 666                   |                | 4056                   | 856                    | Failure             |

| 12.87416537019 | 75.51194280146        | 17.09834782122         | -73.96782662233        | Hardware            |
|----------------|-----------------------|------------------------|------------------------|---------------------|
| 5199           | 387                   | 744                    | 028                    | Failure             |
| 12.66559508827 | 68.54309105307<br>732 | 9903                   | -76.04809173467<br>424 | Failure             |
| 10.15528861602 | 52.25278528162        | 16.50997494601         | -70.79223121165        | Hardware            |
| 4848           | 9635                  | 759                    | 519                    | Failure             |
| 7.932928055646 | 56.73778755190        | 17.89654431601         | -75.64677407765        | Hardware            |
| 857            | 104                   | 8527                   | 912                    | Failure             |
| 11.12885342712 | 96.09409869629        | 11.97590704119         | -74.77468240246        | Hardware            |
| 5325           | 964                   |                        | 976                    | Failure             |
| 9.136340649902 | 91.14177434865        | 13.13438534597<br>8853 | -70.33336867778<br>421 | Hardware<br>Failure |
| 14.48567529177 | 90.96462358573        | 17.46438692204         | -72.16289100980        | Hardware            |
| 4426           |                       | 9137                   | 163                    | Failure             |
| 10.44766231501 | 85.34429714298        | 13.26327675014         | -74.94198288237        | Hardware            |
| 578            | 724                   | 087                    | 945                    | Failure             |
| 13.71056359880 | 92.73593100751        | 13.70572084164         | -71.56345150177        | Hardware            |
| 6587           |                       | 1092                   | 77                     | Failure             |
| 13.96496686277 | 93.34507508925        | 13.59703974833         | -75.91525655577        | Hardware            |
| 6091           |                       | 2547                   | 465                    | Failure             |
| 7.166229313142 | 87.23231586662        | 11.98576360565         | -77.91028511812        | Hardware            |
| 893            | 087                   |                        | 785                    | Failure             |
| 12.51123259859 | 64.58958402949        | 11.63074070449         | -70.70375837764        | Hardware            |
| 2855           | 673                   | 6485                   | 718                    | Failure             |
| 11.21981649413 | 62.42062931689        | 14.73147078016         | -72.94104887636        | Hardware            |
| 0688           | 1315                  | 0127                   | 584                    | Failure             |
| 7.746834410341 | 93.16418156628        | 14.54044090120         | -79.61424005482        | Hardware            |
| 402            | 62                    | 997                    | 93                     | Failure             |
| 12.49386431866 | 61.03431450563        | 16.18522525852         | -77.76678925249        | Hardware            |
| 3823           | 479                   | 5925                   | 414                    | Failure             |
| 7.851222779058 | 50.43251439509        | 11.50062611089         | -72.76544555878        | Hardware            |
| 001            | 376                   | 4908                   | 345                    | Failure             |
| 5.047877272112 | 92.49473948611        | 10.71265837043         | -78.34842114611        | Hardware            |
| 941            |                       | 3763                   | 746                    | Failure             |
| 5.766606925142 | 77.57390362182        | 11.18103258751         | -74.05755612714        | Hardware            |
| 144            | 205                   | 858                    | 009                    | Failure             |
| 10.88520563797 | 91.73910124716        | 11.77347860711         | -71.56975579933        | Hardware            |
| 9881           | 937                   | 5313                   | 05                     | Failure             |
| 13.27024995712 | 58.73942535369        | 10.64035137914         | -71.69444615897        | Hardware            |
| 3978           | 211                   | 8647                   | 095                    | Failure             |
| 7.923306180260 | 51.87631310162        | 10.64394174761         | -79.28730876824        | Hardware            |
| 802            | 583                   | 7276                   | 173                    | Failure             |
| 7.879179050591 | 69.06572106097        | 16.79643228918         | -72.72874466118        | Hardware            |
| 047            | 033                   | 972                    | 688                    | Failure             |
| 12.21470717673 | 89.69297200461        | 11.28612853747         | -70.50354290801        | Hardware            |
| 8674           | 361                   | 5362                   | 505                    | Failure             |
| 12.12238339846 | 97.43078945045        | 14.85442677921         | -72.96607380872        | Hardware            |
| 386            |                       | 439                    | 597                    | Failure             |
| 10.98628281896 | 58.57092911803        | 11.42778907024         | -76.87872435798        | Hardware            |
|                | 6176                  | 5222                   | 316                    | Failure             |
| 9.391658310526 | 50.58700947273        | 14.49397007854         | -77.49693012304        | Hardware            |
| 683            |                       | 082                    | 488                    | Failure             |

| 7.776725598397         | 95.17943723319 | 19.26347491483         | -79.04929356307        | Hardware      |
|------------------------|----------------|------------------------|------------------------|---------------|
| 583                    | 323            | 4923                   | 014                    | Failure       |
| 13.45862808533<br>9623 | 9096           | 12.38292947654<br>0845 | -77.70612368312<br>817 | Failure       |
| 6.698758514529         | 86.20391899835 | 12.77516920264         | -71.35979856544        | Hardware      |
| 225                    | 133            | 6056                   | 432                    | Failure       |
| 12.38562789367         | 98.19665169706 | 19.17761807645         | -74.88235655242        | Hardware      |
| 2282                   | 687            | 2063                   | 396                    | Failure       |
| 5.632692954288         | 81.68885913166 | 12.55854904159 9445    | -76.02587309648        | Hardware      |
| 744                    | 585            |                        | 37                     | Failure       |
| 7.180362363621         | 92.40690407692 | 13.75785021049         | -73.98594889906        | Hardware      |
| 401                    |                | 5652                   | 64                     | Failure       |
| 13.85298667337         | 87.47425551199 | 16.55303485320         | -75.00722784610        | Hardware      |
| 9204                   | 879            | 7627                   | 26                     | Failure       |
| 14.15180147501         | 76.26668037143 | 13.21194348229         | -75.06566787325        | Hardware      |
| 7193                   | 813            | 0037                   | 32                     | Failure       |
| 6.721290813349         | 91.48959136590 | 18.93685117719         | -73.82375281921        | Hardware      |
| 662                    | 028            | 741                    | 384                    | Failure       |
| 12.09735098522         | 63.05755090110 | 13.24029570222         | -70.05753479835        | Hardware      |
| 0086                   | 992            | 1237                   | 205                    | Failure       |
| 7.311890110147         | 58.62154688876 | 14.89434420798         | -75.26471679119        | Hardware      |
| 35                     | 884            | 467                    | 405                    | Failure       |
| 7.662114722438         | 57.85736813488 | 14.73778392544         | -70.68811941796        | Hardware      |
| 159                    | 975            | 7532                   | 355                    | Failure       |
| 6.047969453399         | 65.23476171676 | 19.10724523650         | -79.95441541612        | Hardware      |
|                        | 434            | 4546                   | 448                    | Failure       |
| 9.293830368091         | 69.94377558656 | 15.93960252408         | -70.35675656696        | Hardware      |
| 813                    | 338            | 7473                   | 256                    | Failure       |
| 5.504009410916         | 52.53857900320 | 15.45420910112         | -70.95137180520        | Hardware      |
| 373                    | 269            | 9305                   | 105                    | Failure       |
| 8.877701657757         | 68.18019699278 | 11.54353447407         | -78.97193162255        | Hardware      |
| 324                    | 364            | 4718                   | 095                    | Failure       |
| 6.271961292317         | 63.99323743402 | 11.76123541581         | -73.04810014722        | Hardware      |
| 179                    | 3854           | 811                    | 649                    | Failure       |
| 9.076599220565         | 74.52877062106 | 16.63430663939         | -73.14863016982        | Hardware      |
|                        | 491            | 2275                   | 33                     | Failure       |
| 5.105085721620         | 74.60956566572 | 10.65487906484         | -70.28250636706        | Hardware      |
| 897                    | 676            | 3561                   | 288                    | Failure       |
| 12.33476639636         | 55.57513422022 | 12.77578815598         | -77.46628866487        | Hardware      |
| 99                     | 089            | 7733                   | 026                    | Failure       |
| 18.03639923040         | 114.6564931067 | 8.989028188794         | -69.22393124890        | Configuration |
| 3205                   | 5259           | 382                    | 631                    | Issue         |
| 20.28151042090         | 156.0206427216 | 7.241230748258         | -63.83918102987        | Configuration |
|                        | 546            | 223                    | 5036                   | Issue         |
| 10.28294774834 6034    | 147.0332662915 | 5.052045029361         | -63.76739648303        | Configuration |
|                        | 3568           | 724                    | 6734                   | Issue         |
| 21.19707908460         | 117.8727119983 | 8.104392781206         | -69.19031293021        | Configuration |
| 7623                   | 9627           | 823                    | 358                    | Issue         |
| 21.59393716200         | 158.1437950975 | 7.564735512524         | -67.25833806087        | Configuration |
|                        | 4582           | 098                    | 054                    | Issue         |
| 10.03415373107         | 176.9117961637 | 9.486102730761         | -68.23537846568        | Configuration |
| 8376                   | 182            | 896                    | 541                    | Issue         |

| 14.93737261294 | 190.2111922518 | 5.180243741503 | -67.27597833916 | Configuration |
|----------------|----------------|----------------|-----------------|---------------|
| 3207           | 5902           | 202            | 49              | Issue         |
| 11.02181509245 | 122.6999304340 | 7.515305049162 | -66.47432080554 | Configuration |
| 2414           |                | 844            | 844             | Issue         |
| 20.73110565618 | 109.1171881482 | 6.093660001508 | -67.59333509171 | Configuration |
| 6656           | 0387           | 381            | 562             | Issue         |
| 16.92178505793 | 160.6431412213 | 8.757605888149 | -68.05764440730 | Configuration |
| 6855           | 7395           | 282            | 023             | Issue         |
| 25.64504766041 | 104.8245444186 | 9.706085713696 | -63.12597353108 | Configuration |
| 03             | 3528           | 85             | 0064            | Issue         |
| 29.77515422976 | 174.2889180795 | 8.741255552272 | -62.22528977927 | Configuration |
| 3025           | 7763           | 092            | 4306            | Issue         |
| 20.54335444313 | 199.8562673730 | 6.086362315210 | -65.69656368438 | Configuration |
|                | 6097           | 044            | 746             | Issue         |
| 12.28470631338 | 143.7574186418 | 5.900954612769 | -61.83717685337 | Configuration |
| 3849           | 7307           | 62             | 943             | Issue         |
| 26.58529089146 | 169.3564094173 | 6.660543748720 | -63.62050463397 | Configuration |
| 772            | 0372           | 718            | 857             | Issue         |
| 14.95269657431 | 149.7172715563 | 5.736239911975 | -63.51313915035 | Configuration |
| 3213           | 1746           | 86             | 8406            | Issue         |
| 19.44932904498 | 162.3446944003 | 8.149437611362 | -65.00348656268 | Configuration |
| 6726           | 5923           | 053            | 666             | Issue         |
| 19.45810470226 | 117.0570463416 | 9.944505236473 | -68.99442978792 | Configuration |
| 4144           | 1535           |                | 102             | Issue         |
| 26.41516972717 | 155.1449350840 | 7.713750018726 | -69.17628051623 | Configuration |
| 3613           | 4897           | 58             | 157             | Issue         |
| 12.85954574137 | 120.0285002184 | 9.439751265503 | -65.26601326838 | Configuration |
| 2493           | 3187           | 247            | 185             | Issue         |
| 18.79135594275 | 190.0214576876 | 5.197362229834 | -69.49894523954 | Configuration |
| 9726           | 5217           |                | 525             | Issue         |
| 13.10838230583 | 190.6335563947 | 8.231234340861 | -66.61086869776 | Configuration |
| 5262           | 558            | 171            | 645             | Issue         |
| 15.68107221897 | 112.7964860021 | 5.747883352106 | -69.36486556534 | Configuration |
| 9155           | 8353           | 992            | 688             | Issue         |
| 17.05553293132 | 143.7642372568 | 5.674752409114 | -69.23822742835 | Configuration |
| 546            | 8394           | 988            | 736             | Issue         |
| 19.14267756147 | 175.9642177442 | 7.684731646857 | -60.45336325836 | Configuration |
| 1526           | 6798           | 597            | 545             | Issue         |
| 23.08398188617 | 141.3626360776 | 8.510843733475 | -60.41838900855 | Configuration |
| 0825           | 2922           | 454            | 471             | Issue         |
| 11.27523240318 | 139.4668979060 | 5.085286056599 | -62.15292241090 | Configuration |
| 2535           | 1675           | 917            | 806             | Issue         |
| 14.07618629171 | 119.3339922327 | 6.475419246504 | -67.99318488613 | Configuration |
| 4148           | 6055           | 927            | 056             | Issue         |
| 11.51441228018 | 116.6857116962 | 6.496609819234 | -68.35257957905 | Configuration |
| 7795           | 0697           | 518            | 64              | Issue         |
| 15.44120914352 | 111.7525480464 | 8.779559033019 | -65.95734886119 | Configuration |
| 8889           | 744            | 481            | 988             | Issue         |
| 15.30461473396 | 185.0596407054 | 5.197821305023 | -63.59627915463 | Configuration |
| 3572           | 9902           | 249            | 811             | Issue         |
| 28.46859067147 | 116.1897779212 | 8.190010051765 | -63.23640273061 | Configuration |
| 08             | 1979           |                | 791             | Issue         |

| 27.07553169187 | 166.2806754541 | 9.167553913340 | -61.12471109667 | Configuration |
|----------------|----------------|----------------|-----------------|---------------|
| 463            | 8855           | 296            | 395             | Issue         |
| 27.90159951699 | 156.8847133243 | 8.558322306212 | -67.61804174251 | Configuration |
| 7553           | 8345           | 02             | 488             | Issue         |
| 10.16308419912 | 169.7573962069 | 6.358480534057 | -67.89635813659 | Configuration |
| 4597           | 8954           | 689            | 203             | Issue         |
| 24.91287157415 | 131.5954199073 | 6.278127574153 | -68.62945951969 | Configuration |
| 1012           | 3948           | 718            | 496             | Issue         |
| 24.64090317589 | 172.2624534137 | 7.696428165911 | -63.51721935085 | Configuration |
| 584            | 7592           | 672            | 966             | Issue         |
| 14.36495631368 | 143.7987491947 | 5.197179985981 | -68.42387064768 | Configuration |
| 1887           | 6134           | 393            | 8               | Issue         |
| 12.92696856793 | 171.4480821197 | 5.314513711868 | -61.09834003823 | Configuration |
|                | 855            | 396            | 65              | Issue         |
| 11.94918746931 | 145.8064896792 | 6.978904662311 | -69.82938879420 | Configuration |
| 7916           | 9034           | 786            | 765             | Issue         |
| 24.72892257123 | 196.6845788910 | 5.776021403289 | -65.76815447762 | Configuration |
| 513            | 4457           | 602            | 095             | Issue         |
| 11.41144313963 | 177.7206115199 | 9.995890348312 | -66.70013417805 | Configuration |
| 5832           | 9034           |                | 377             | Issue         |
| 17.70814220993 | 182.6710720348 | 7.133266827749 | -67.57548839297 | Configuration |
| 1083           | 6543           | 0185           | 519             | Issue         |
| 21.57527729652 | 149.4012957805 | 8.966781385871 | -68.58558391263 | Configuration |
|                | 0895           | 876            | 35              | Issue         |
| 20.03653149074 | 174.1932857244 | 6.363866038234 | -69.61066869946 | Configuration |
|                | 1913           | 74             | 809             | Issue         |
| 25.16638625823 | 173.2443234626 | 8.550516107965 | -65.45065820805 | Configuration |
| 628            | 145            | 104            | 02              | Issue         |
| 27.87876404769 | 179.3293214803 | 8.773200572632 | -62.19887114437 | Configuration |
| 626            | 369            | 263            | 626             | Issue         |
| 28.22530770060 | 174.4099561512 | 8.918090397142 | -64.50715345074 | Configuration |
| 3793           | 0403           | 397            | 012             | Issue         |
| 11.67178681983 | 195.8670344253 | 5.423384808561 | -66.30111176626 | Configuration |
| 8612           | 7615           | 959            | 306             | Issue         |
| 20.66230281683 | 161.0115035242 | 9.587049950716 | -62.12345899455 | Configuration |
|                | 9096           | 448            | 764             | Issue         |
| 22.09910045933 | 195.8539689067 | 8.871070540470 | -64.50883376238 | Configuration |
| 3215           | 6986           | 704            | 185             | Issue         |
| 12.51488392478 | 196.2192521876 | 7.907903314965 | -66.68298455292 | Configuration |
| 8185           | 4983           | 682            | 022             | Issue         |
| 23.78011581230 | 141.1078959726 | 7.039942164910 | -60.91653930840 | Configuration |
| 983            | 5799           |                | 944             | Issue         |
| 21.89803310888 | 128.9052824739 | 6.689073655717 | -65.64949443220 | Configuration |
|                | 2083           | 87             | 183             | Issue         |
| 10.53756486899 | 154.2850935555 | 6.292317884048 | -69.41012798393 | Configuration |
|                | 123            | 85             | 645             | Issue         |
| 27.72906294282 | 197.7513035360 | 8.588512391284 | -67.82737802477 | Configuration |
| 8648           | 3345           |                | 77              | Issue         |
| 12.72109854755 | 193.9342841551 | 9.332204948583 | -62.36784132705 | Configuration |
| 8089           | 2807           |                | 469             | Issue         |
| 11.96865754228 | 117.7567595703 | 6.981479942487 | -60.55363105879 | Configuration |
| 9673           | 6292           | 043            | 5396            | Issue         |

|                |                |                |                 | [             |
|----------------|----------------|----------------|-----------------|---------------|
| 13.26976358612 | 125.7731129709 | 7.134530103596 | -62.55872307978 | Configuration |
| 454            | 73             | 251            | 4556            | Issue         |
| 13.37674946018 | 120.5231644096 | 5.261263263563 | -67.16444517398 | Configuration |
| 792            | 9076           | 375            | 266             | Issue         |
| 12.12502010370 | 179.9192290788 | 6.085518275774 | -61.70085915192 | Configuration |
| 4047           | 6516           | 662            | 768             | Issue         |
| 20.71863084507 | 121.8788106195 | 6.482242606719 | -66.62878471998 | Configuration |
| 9538           | 5483           | 2875           | 025             | Issue         |
| 17.12430282213 | 190.1187780079 | 9.456432282211 | -69.95050584014 | Configuration |
| 25             | 8493           | 175            | 591             | Issue         |
| 13.29899030247 | 174.1266871823 | 9.010327842802 | -64.32128553625 | Configuration |
| 8122           | 792            |                | 472             | Issue         |
| 10.62168736338 | 193.5272845055 | 6.930572415256 | -63.24378689043 | Configuration |
| 9453           | 3377           | 685            | 069             | Issue         |
| 27.24059109308 | 106.2053195933 | 5.438975685146 | -69.03993931241 | Configuration |
| 953            | 2328           | 946            | 159             | Issue         |
| 16.71405664138 | 133.0857171645 | 5.135018421230 | -64.86659918093 | Configuration |
| 8993           | 9025           | 074            | 297             | Issue         |
| 28.76384709878 | 154.3664930789 | 6.745197446859 | -66.52821704101 | Configuration |
| 281            | 201            | 754            | 706             | Issue         |
| 20.19623555785 | 196.3623556472 | 6.483911832171 | -61.64332698530 | Configuration |
|                | 7286           | 683            | 494             | Issue         |
| 14.99415784170 | 131.1570553066 | 8.065151755356 | -65.76207880364 | Configuration |
| 9193           | 5065           | 968            | 343             | Issue         |
| 14.42680351776 | 175.6761194191 | 9.113138752481 | -65.63147819783 | Configuration |
| 4288           | 4862           | 317            | 457             | Issue         |
| 18.19902962055 | 136.9733401962 | 6.379302766568 | -63.07181873053 | Configuration |
| 403            | 3608           | 804            | 975             | Issue         |
| 29.85063638566 | 104.7349690696 | 9.346038228675 | -65.38949177738 | Configuration |
| 3122           | 2589           | 55             | 07              | Issue         |
| 28.87380040722 | 182.5049055949 | 6.434659171429 | -61.20123355443 | Configuration |
| 974            | 8581           | 02             | 004             | Issue         |
| 26.75475004246 | 104.4588828979 | 6.749336270968 | -66.34429097803 | Configuration |
| 1936           | 9987           | 58             | 927             | Issue         |
| 21.22088420656 | 114.8160838497 | 7.961624929911 | -63.70424946539 | Configuration |
| 7092           | 069            | 428            | 143             | Issue         |
| 24.34230699644 | 180.0397547071 | 6.401778345721 | -64.87944181858 | Configuration |
| 3245           | 483            | 631            | 34              | Issue         |
| 23.06285388857 | 129.8166601210 | 6.651470244203 | -64.33118971030 | Configuration |
| 5827           | 425            | 143            | 667             | Issue         |
| 23.17026322141 | 144.1776959255 | 5.636576410456 | -62.33681106618 | Configuration |
| 6135           | 3145           | 881            | 54              | Issue         |
| 21.22432151443 | 114.1487937351 | 6.076511285207 | -69.03289500414 | Configuration |
|                | 951            | 95             | 593             | Issue         |
| 15.06673829806 | 140.2802313329 | 5.876032737412 | -61.04618174194 | Configuration |
| 8023           | 8964           | 8645           | 7116            | Issue         |
| 23.84012290565 | 159.2929213593 | 6.107625817337 | -62.32411485591 | Configuration |
| 3715           | 8698           | 33             | 193             | Issue         |
| 13.05011792208 | 153.2544723081 | 9.470591354836 | -63.72149898113 | Configuration |
| 1146           | 769            |                | 465             | Issue         |
| 25.83776436197 | 117.3640142066 | 9.008949182559 | -64.73117679816 | Configuration |
| 477            | 6942           | 824            | 642             | Issue         |

| 10.52198608406 | 151.9201779763 | 6.967064302847        | -64.43680919390        | Configuration            |
|----------------|----------------|-----------------------|------------------------|--------------------------|
| 915            | 8903           | 882                   | 255                    | Issue                    |
| 16.37612958276 | 148.6252186068 | 8.896904351251        | -68.38169049570        | Configuration            |
| 6552           | 8753           | 514                   | 88                     | Issue                    |
| 25.78013619267 | 179.9710357188 | 6.255967657684        | -63.33492870078        | Configuration            |
| 5663           | 8823           | 568                   | 205                    | Issue                    |
| 14.28915020042 | 193.2216612744 | 9.051202320934        | -69.48940801573        | Configuration            |
| 2107           | 4183           | 546                   | 157                    | Issue                    |
| 22.02920747286 | 107.3647676581 | 7.546528487090        | -62.26259573087        | Configuration            |
|                | 4409           | 189                   | 0245                   | Issue                    |
| 10.93890385352 | 158.3827283850 | 8.930527229450        | -69.83880303303        | Configuration            |
|                | 1422           | 462                   | 448                    | Issue                    |
| 18.84119219824 | 133.0278131465 | 7.988985055724        | -65.38444020523        | Configuration            |
| 3526           | 6173           | 1076                  | 488                    | Issue                    |
| 17.94675167380 | 109.6349141843 | 6.799262623422        | -65.42673218024        | Configuration            |
| 5704           | 1056           | 563                   | 808                    | Issue                    |
| 22.96243462978 | 101.0451039488 | 6.793868833862<br>703 | -62.36474192398<br>05  | Configuration<br>Issue   |
| 18.07579462189 | 130.0325704723 | 9.035177980656        | -64.14016448242        | Configuration            |
| 8474           | 8324           | 384                   | 495                    | Issue                    |
| 20.68822210082 | 136.5937261771 | 6.126186871233        | -61.64101771655        | Configuration            |
|                | 4848           | 035                   | 7414                   | Issue                    |
| 25.39533317411 | 175.1230184727 | 5.953834520009        | -60.41574447141        | Configuration            |
| 646            | 281            | 57                    | 326                    | Issue                    |
| 29.01630993231 | 101.9834447608 | 9.501987407716        | -68.62879284902        | Configuration            |
| 0435           | 3327           | 662                   | 822                    | Issue                    |
| 27.36952510560 | 137.1238918036 | 8.551117779282        | -68.70193143259        | Configuration            |
| 203            | 4227           | 576                   | 03                     | Issue                    |
| 26.45766919563 | 106.0258029030 | 8.739844297580        | -65.16779257649        | Configuration            |
| 7827           | 4351           | 667                   | 176                    | Issue                    |
| 16.81087096867 | 158.4878407491 | 6.278007600502        | -63.16816110502        | Configuration            |
| 0088           | 6566           | 739                   | 3515                   | Issue                    |
| 49.51880567137 | 318.8440811100 | 2.561444052541        | -88.44919087784        | Wireless                 |
|                | 8463           | 697                   | 98                     | Interference             |
| 50.93034450947 | 201.5519662072 | 2.720206542134        | -87.04141541741        | Wireless                 |
|                | 851            | 876                   | 829                    | Interference             |
| 33.49849634708 | 288.5196741957 | 1.160424940815        | -81.80010708957        | Wireless                 |
| 063            | 652            | 3933                  |                        | Interference             |
| 54.48039752658 | 315.7071403042 | 2.103830402526        | -85.66114632684        | Wireless                 |
| 593            | 4256           | 203                   | 838                    | Interference             |
| 42.07474447678 | 259.6811309001 | 2.780313682004        | -80.89213496488        | Wireless                 |
|                | 072            | 9907                  | 095                    | Interference             |
| 59.46734463379 | 356.9944332434 | 1.269451736018        | -81.77685129892        | Wireless                 |
| 967            | 374            | 273                   | 039                    | Interference             |
| 45.08926405338 | 372.2099887514 | 2.370411383534        | -87.03448070918        | Wireless                 |
| 468            | 6745           | 483                   | 998                    | Interference             |
| 38.71343979223 | 266.9020850650 | 1.787938125201        | -82.47360859021        | Wireless                 |
| 918            | 9407           | 8154                  | 626                    | Interference             |
| 42.82073816620 | 300.3224636549 | 2.789791330178<br>932 | -88.31761263834<br>804 | Wireless<br>Interference |
| 58.76783924567 | 228.3709158632 | 1.285586921667        | -84.62749824268        | Wireless                 |
| 8466           | 7477           | 8295                  | 408                    | Interference             |

| 45.88527199759         | 202.1765771253         | 1.581052248459 | -86.41114756935        | Wireless                 |
|------------------------|------------------------|----------------|------------------------|--------------------------|
| 4955                   | 4375                   | 1922           | 227                    | Interference             |
| 52.07322767383         | 357.9303162884         | 2.964856021338 | -85.65116510913        | Wireless                 |
| 604                    | 951                    |                | 39                     | Interference             |
| 56.79519152423         | 299.3012828714         | 1.998824185633 | -84.13263769008        | Wireless                 |
| 2656                   | 646                    | 956            | 101                    | Interference             |
| 38.03084858486         | 371.7962836005         | 2.002595580832 | -81.71229244815        | Wireless                 |
| 3776                   | 6347                   | 872            | 022                    | Interference             |
| 57.66094124653         | 262.7294202845         | 2.678360677599 | -86.45806861258        | Wireless                 |
| 469                    | 337                    |                | 157                    | Interference             |
| 30.06659641582         | 293.0483490464         | 2.159171008058 | -84.83073933011        | Wireless                 |
|                        | 047                    | 804            | 454                    | Interference             |
| 52.50647198334         | 369.7088851521         | 1.045016056153 | -80.29406918009        | Wireless                 |
| 192                    | 4835                   | 5735           | 109                    | Interference             |
| 46.92698825732         | 202.0434970448         | 1.843982012714 | -81.17547983013        | Wireless                 |
| 518                    |                        | 8714           | 323                    | Interference             |
| 42.15777865142         | 231.4664785749         | 2.685029142882 | -88.80351549345        | Wireless                 |
| 739                    |                        | 8603           | 113                    | Interference             |
| 56.94998408272         | 326.4066599510         | 2.060250214869 | -81.11988408727        | Wireless                 |
| 025                    | 984                    | 9067           | 228                    | Interference             |
| 40.63353603556         | 322.7022238485         | 2.765353894677 | -81.27790418558        | Wireless                 |
|                        | 2093                   | 358            | 459                    | Interference             |
| 40.30760561923         | 310.9294757234         | 1.279023599770 | -88.79850743295        | Wireless                 |
|                        | 028                    | 0412           | 353                    | Interference             |
| 38.36624956187<br>0966 | 225.2232159204         | 2.864465336346 | -83.04438906272<br>208 | Wireless<br>Interference |
| 36.14628781782         | 240.9849236049 5098    | 1.960882128267 | -82.17144820956        | Wireless                 |
| 7535                   |                        | 4183           | 85                     | Interference             |
| 32.99941926420         | 289.8732827331         | 2.046140156577 | -83.72452350689        | Wireless                 |
| 363                    | 444                    | 3834           | 309                    | Interference             |
| 40.07286655174         | 336.5591987704         | 2.269503087234 | -88.80669345703        | Wireless                 |
| 734                    | 2675                   | 922            | 122                    | Interference             |
| 33.57855568709         | 314.5325952866         | 2.131786547741 | -84.45742887687        | Wireless                 |
| 6674                   | 143                    | 0267           | 001                    | Interference             |
| 39.16195840977         | 218.7471852089         | 2.570126710729 | -85.47788834580        | Wireless                 |
| 951                    | 8938                   | 3213           | 35                     | Interference             |
| 39.79696363769         | 288.8905760775         | 1.667591235539 | -85.77314623084        | Wireless                 |
| 9946                   | 5376                   | 913            | 2                      | Interference             |
| 45.38065071694         | 293.3163980952         | 2.665168839842 | -80.49534775068        | Wireless                 |
| 9845                   | 1454                   | 9165           | 088                    | Interference             |
| 40.97226758814         | 366.4413271923<br>5216 | 1.829332085609 | -86.90377653217<br>398 | Wireless<br>Interference |
| 55.03470980129         | 264.9383454790         | 2.637444675601 | -83.03202016715        | Wireless                 |
| 9606                   | 299                    | 434            | 028                    | Interference             |
| 43.90279644477         | 266.7588544037         | 1.650962974607 | -80.87439487565        | Wireless                 |
| 799                    | 5504                   | 9324           | 771                    | Interference             |
| 48.11509285998         | 356.1482929608         | 2.884856386687 | -85.63444871852        | Wireless                 |
| 6106                   | 7396                   | 85             | 482                    | Interference             |
| 59.90423750969         | 216.8675338286         | 2.338110192661 | -89.68793857685        | Wireless                 |
| 882                    | 308                    | 9072           | 169                    | Interference             |
| 45.22806529755         | 242.5983237410         | 2.347204739937 | -87.36923185803        | Wireless                 |
| 87                     | 2646                   | 301            | 691                    | Interference             |

| 34.46879705477 | 375.1150336292 | 1.927564667915 | -86.99639380502        | Wireless                 |
|----------------|----------------|----------------|------------------------|--------------------------|
| 9316           | 7795           | 2367           | 096                    | Interference             |
| 39.95281468319 | 243.7704010637 | 2.435568373009 | -81.66993309761        | Wireless                 |
| 398            | 8092           | 687            | 747                    | Interference             |
| 33.43289463955 | 395.8975270668 | 2.856061367365 | -89.15119808214        | Wireless                 |
| 751            | 924            | 4593           | 408                    | Interference             |
| 49.08330642699 | 334.8089079673 | 2.110767369182 | -81.31569047354        | Wireless                 |
| 1925           | 9214           | 94             | 114                    | Interference             |
| 33.37209168432 | 266.6911590546 | 1.235481372519 | -88.43965437478        | Wireless                 |
| 682            | 4355           | 781            | 694                    | Interference             |
| 32.86589937712 | 253.4505191689 | 2.317658666907 | -80.54506314748        | Wireless                 |
| 6595           | 217            | 305            | 026                    | Interference             |
| 31.13129632609 | 301.5142872497 | 2.798128133054 | -84.85415740283        | Wireless                 |
| 8095           | 3294           | 9574           | 001                    | Interference             |
| 38.85586872947 | 276.5888193753 | 2.580734629158 | -87.84694314776        | Wireless                 |
| 907            | 514            | 941            | 59                     | Interference             |
| 38.80775452591 | 383.8732357676 | 2.340756507585 | -81.35603512429        | Wireless                 |
| 4774           | 806            | 107            | 25                     | Interference             |
| 43.11411019283 | 213.6841668806 | 1.179688537799 | -86.76658546423        | Wireless                 |
| 3984           | 0245           |                | 604                    | Interference             |
| 56.18533709309 | 268.3386095959 | 1.171645551821 | -86.26021220033        | Wireless                 |
|                | 22             | 4062           | 34                     | Interference             |
| 38.27448581563 | 223.8082818920 | 2.900151169697 | -82.13188238975        | Wireless                 |
| 122            | 1645           | 8723           | 951                    | Interference             |
| 56.19202823749 | 294.2416063897 | 2.259547865640 | -82.90548793417        | Wireless                 |
|                | 1244           | 742            | 038                    | Interference             |
| 37.22698544453 | 255.5143688833 | 1.908429435188 | -80.99679323166        | Wireless                 |
| 871            | 8907           | 8393           | 347                    | Interference             |
| 36.70954059805 | 399.8963095662 | 1.367270694331 | -86.36770169897        | Wireless                 |
| 448            | 035            | 318            | 814                    | Interference             |
| 53.06818969721 | 276.8944450499 | 2.320695941405 | -83.78683667766        | Wireless                 |
| 013            | 5856           | 3863           | 937                    | Interference             |
| 35.94504408644 | 351.3106888984 | 2.007172390351 | -82.08382213754        | Wireless                 |
| 112            | 156            | 6423           | 557                    | Interference             |
| 41.18685647960 | 249.8356820112 | 2.175856250910 | -86.11730473183        | Wireless                 |
|                | 6457           | 6314           | 746                    | Interference             |
| 59.45741750294 | 362.9633955257 | 2.042390191546 | -80.49890506009        | Wireless                 |
| 3045           | 958            | 1777           | 432                    | Interference             |
| 41.42076815026 | 209.1790245483 | 1.503286536179 | -88.46692839219        | Wireless                 |
| 8174           |                | 714            | 112                    | Interference             |
| 56.41461414897 | 332.0916604983 | 1.149215771667 | -86.50526777916        | Wireless                 |
| 58             | 855            | 7371           | 032                    | Interference             |
| 40.68665196797 | 211.1948984405 | 2.277952204846 | -83.06326302954<br>992 | Wireless<br>Interference |
| 38.85645287117 | 375.9396248822 | 2.401847787288 | -85.44313262804        | Wireless                 |
| 447            | 1973           | 016            | 076                    | Interference             |
| 42.18108807030 | 304.9822618566 | 1.444982593480 | -80.14848300974        | Wireless                 |
| 42             | 475            | 2438           | 558                    | Interference             |
| 41.81606428334 | 246.1405306367 | 2.061975557648 | -81.44262147533        | Wireless                 |
|                | 7625           | 089            | 915                    | Interference             |
| 44.97328995000 | 336.7570632848 | 2.718426625529 | -83.97871686676        | Wireless                 |
| 6645           | 1033           | 7165           | 7                      | Interference             |

| 54.35064447685 | 353.4067961671        | 1.276668322239      | -84.75523123312        | Wireless                 |
|----------------|-----------------------|---------------------|------------------------|--------------------------|
| 765            | 728                   | 9549                | 88                     | Interference             |
| 58.43705306958 | 389.2397939240        | 1.644116234827      | -81.91553711710        | Wireless                 |
| 0266           | 6824                  | 767                 | 351                    | Interference             |
| 49.17561467246 | 203.6271249804        | 1.586413072731      | -86.59847181313        | Wireless                 |
| 128            | 0875                  | 069                 | 457                    | Interference             |
| 37.36203753978 | 378.1083645345        | 1.816776562134      | -84.15262206157        | Wireless                 |
| 3316           | 849                   | 6186                | 507                    | Interference             |
| 34.82401834859 | 205.6381073404        | 2.060817040779      | -89.52945230738        | Wireless                 |
| 356            | 557                   | 2503                | 095                    | Interference             |
| 59.40020948894 | 345.3553489024        | 1.776585976053      | -82.87540542966        | Wireless                 |
| 8946           | 8687                  | 0036                | 474                    | Interference             |
| 55.03435182571 | 364.3910476166        | 2.347936647872      | -82.83538513562        | Wireless                 |
| 336            | 2645                  |                     | 1                      | Interference             |
| 41.87904170811 | 255.5267856358        | 1.005685087115      | -85.25072555331        | Wireless                 |
| 025            | 9922                  | 4923                | 818                    | Interference             |
| 39.33975283144 | 254.1709461242        | 1.043467008900      | -84.48760111926        | Wireless                 |
| 327            | 7724                  |                     | 588                    | Interference             |
| 51.10608263079 | 232.4856193919        | 2.509791481776      | -84.22680599358        | Wireless                 |
| 442            | 6256                  | 9524                | 027                    | Interference             |
| 48.67787786069 | 373.5151508298        | 1.102100946866      | -87.12332612005        | Wireless                 |
|                | 352                   | 6327                | 908                    | Interference             |
| 37.77302020508 | 349.6499421930        | 2.259056496161 2993 | -85.59272870512        | Wireless                 |
| 925            | 3014                  |                     | 534                    | Interference             |
| 58.84085017184 | 340.4060388469        | 2.660399117096      | -86.04419665262        | Wireless                 |
| 0245           | 0563                  | 1176                | 786                    | Interference             |
| 36.64332502190 | 292.5309697543        | 1.635244027584      | -87.51998980801        | Wireless                 |
| 2335           | 536                   |                     | 92                     | Interference             |
| 39.19122043174 | 355.7361678914        | 2.501603572450      | -82.22323038105        | Wireless                 |
| 8945           | 756                   | 432                 | 82                     | Interference             |
| 50.81634421983 | 354.9037613235        | 2.472127072657      | -88.29407071215        | Wireless                 |
|                | 787                   | 3183                | 185                    | Interference             |
| 52.07890353196 | 313.0931196560        | 1.288020533177      | -87.41016871851        | Wireless                 |
| 984            | 6355                  | 4521                | 294                    | Interference             |
| 39.47350936902 | 312.8917049192        | 1.580459101739      | -86.66943684184        | Wireless                 |
| 8356           | 3846                  | 9776                | 209                    | Interference             |
| 56.80286267830 | 278.5640827726        | 2.332833215215      | -86.65647103212        | Wireless                 |
| 094            | 045                   | 6186                | 206                    | Interference             |
| 48.47354331638 | 358.9940392584        | 2.529265316364      | -85.85811793844        | Wireless                 |
| 754            | 482                   | 894                 | 18                     | Interference             |
| 42.56188192676 | 271.4968496073        | 2.972996588021      | -83.55919544169        | Wireless                 |
| 2545           | 1287                  |                     | 44                     | Interference             |
| 45.46037617472 | 220.3533281271        | 2.732093620248      | -86.29339386495        | Wireless                 |
| 717            | 8846                  |                     | 083                    | Interference             |
| 41.94066541597 | 383.1784325010<br>947 | 2.926705704160      | -87.62113008298<br>435 | Wireless<br>Interference |
| 35.87809524646 | 284.7777810982        | 2.981820887768      | -85.51366649176        | Wireless                 |
| 189            | 861                   | 098                 | 344                    | Interference             |
| 35.02981549537 | 316.4486427114        | 2.197988333897      | -86.48538031915        | Wireless                 |
| 935            | 0824                  | 128                 | 251                    | Interference             |
| 50.76722976725 | 219.4110524321        | 1.129061617638      | -86.48958646254        | Wireless                 |
|                | 2405                  | 8906                | 086                    | Interference             |

| 34.10834455224         | 314.8299918787         | 1.277294477325        | -87.92153771209         | Wireless        |
|------------------------|------------------------|-----------------------|-------------------------|-----------------|
| 744                    | 3645                   |                       | 415                     | Interference    |
| 55.33187376563         | 314.2816784704<br>404  | 1.787968844664        | -82.61469557690<br>16   |                 |
| 41.15879409766         | 287.8338494476         | 1.702113842107        | -82.51159300413         | Wireless        |
|                        | 81                     | 74                    | 346                     | Interference    |
| 44.44483905543         | 299.9188348871         | 1.291223181416        | -84.07185410779         | Wireless        |
|                        | 324                    | 5753                  | 951                     | Interference    |
| 42.64857220887         | 216.1231128934         | 2.001403894155        | -80.18844522373         | Wireless        |
|                        | 6172                   | 035                   | 941                     | Interference    |
| 52.86152020784         | 274.0264477282         | 2.151382628718        | -89.23368978501         | Wireless        |
| 8706                   | 947                    | 8187                  | 715                     | Interference    |
| 56.87085333803         | 347.6156874476         | 1.520681821335        | -84.28329952530         | Wireless        |
| 6156                   | 154                    | 3752                  | 318                     | Interference    |
| 43.53372792149         | 323.7764449368         | 1.122343044272        | -81.30596982514         | Wireless        |
|                        | 318                    | 1123                  | 831                     | Interference    |
| 46.38641235967         | 287.3605045151         | 1.476963445684        | -88.42579664307         | Wireless        |
| 822                    |                        | 1132                  | 365                     | Interference    |
| 33.80171465411         | 270.7987905595         | 2.892238266106        | -88.51169983752         | Wireless        |
| 022                    | 2335                   | 7845                  | 484                     | Interference    |
| 58.56482863116         | 326.9602048121         | 1.900915798769        | -81.61668867288         | Wireless        |
| 7906                   | 235                    | 2114                  | 597                     | Interference    |
| 53.41530534390         | 223.2152637749         | 2.929816666980        | -85.24492654238         | Wireless        |
| 5096                   | 371                    | 586                   | 301                     | Interference    |
| 39.30686290156         | 287.7477119026         | 4.038771469234        | -63.69178601472         | Routing Problem |
| 434                    | 299                    | 984                   | 401                     |                 |
| 36.59789133130         | 272.1022187061         | 4.037556193466        | -57.21636871492         | Routing Problem |
| 862                    | 778                    | 584                   | 038                     |                 |
| 23.20523536609         | 322.4000178164<br>1854 | 6.716256261664<br>411 | -58.63017208357<br>2546 | Routing Problem |
| 27.03383802096         | 357.5003608804         | 3.933073994909        | -62.31571952668         | Routing Problem |
| 3653                   | 061                    | 198                   | 7964                    |                 |
| 25.48876985479         | 353.5466740273         | 4.375647650137        | -56.79717402677         | Routing Problem |
| 0714                   | 8227                   | 2585                  | 201                     |                 |
| 35.76203825216         | 258.7151606845         | 4.676486641120        | -64.86411079978         | Routing Problem |
| 195                    | 7936                   | 366                   | 08                      |                 |
| 30.90497941075         | 325.7666776051<br>216  | 5.871066540970<br>38  | -58.52795240677<br>9534 | Routing Problem |
| 38.20617906159         | 347.8156931034         | 6.482197317280        | -55.97625393196         | Routing Problem |
| 093                    | 3997                   | 802                   | 433                     |                 |
| 39.09161509843         | 392.7608816204         | 6.670996834959        | -60.20863284173         | Routing Problem |
| 379                    | 802                    | 239                   | 106                     |                 |
| 29.12415627697         | 334.3865249418         | 5.647749737583        | -56.26618240930         | Routing Problem |
| 81                     | 3947                   | 444                   | 581                     |                 |
| 39.84678452419         | 256.2121751592         | 6.018262172068        | -58.91410461876         | Routing Problem |
| 3566                   | 348                    | 375                   | 209                     |                 |
| 32.14900202353         | 378.0624769222<br>8044 | 4.604449712895<br>844 | -59.67472266018<br>293  | Routing Problem |
| 25.89028629423<br>0123 | 320.6540430041         | 6.124758242305<br>224 | -60.89454643408<br>0816 | Routing Problem |
| 24.54446222652         | 374.3014228406         | 3.424773109260        | -55.67703545803         | Routing Problem |
| 854                    | 62                     | 3773                  | 9676                    |                 |

| 254.3515890274<br>0912 | 5.617374517842<br>895  | -58.42622710328<br>732  | Routing   | Problem   |
|------------------------|--|---|---|---|
| 319.9802846139<br>494  | 6.204578159102<br>973  | -58.32305483068<br>287  | Routing   | Problem   |
| 394.3348635520<br>648  | 5.177626033780<br>07   | -61.03695984670<br>868  | Routing   | Problem   |
| 373.1202404875<br>948  | 6.388173386681<br>3  | -61.75948615877<br>777  | Routing   | Problem   |
| 266.7885104134<br>952  | 6.542024004553<br>822  | -55.38859118246<br>2626   | Routing   | Problem   |
| 266.2433615271<br>396  | 3.800820158775<br>9056   | -63.56825885175<br>299  | Routing   | Problem   |
| 327.2831227317<br>849  | 6.354545608191<br>7315   | -61.24502230469<br>4004   | Routing   | Problem   |
| 337.3678288857<br>3543 | 5.933871356101<br>9905   | -60.14881762977<br>366  | Routing   | Problem   |
| 256.2387492819<br>2737 | 5.007775931430<br>961  | -59.07131111880<br>0914   | Routing   | Problem   |
| 320.6658358491         | 3.896904949604   | -56.33568638631<br>8706   | Routing   | Problem   |
| 333.7769405598<br>514  | 5.948514003569<br>34   | -61.02657797267<br>618  | Routing   | Problem   |
| 327.7781082325<br>573  | 6.916374361039<br>926  | -64.28034182413<br>47   | Routing   | Problem   |
| 368.4469355656<br>44   | 6.926714550345<br>604  | -63.00518159718<br>217  | Routing   | Problem   |
| 297.8086109140<br>816  | 4.339311373962<br>149  | -60.31631487540<br>505  | Routing   | Problem   |
| 383.7592622480<br>7677 | 6.876962393712<br>219  | -64.43554134887<br>466  | Routing   | Problem   |
| 346.8571138286<br>415  | 6.816788139723<br>739  | -55.23311861240<br>7495   | Routing   | Problem   |
| 315.2498550688<br>5037 | 5.622986039480   | -60.61178556849<br>084  | Routing   | Problem   |
| 263.8608648926<br>599  | 6.269520425487<br>353  | -64.80164104825<br>951  | Routing   | Problem   |
| 360.3743655102<br>604  | 3.526103266459<br>843  | -58.88188546512<br>107  | Routing   | Problem   |
| 320.3987193297<br>7684 | 6.267524174442<br>704  | -56.87028693597<br>914  | Routing   | Problem   |
| 355.5684182064<br>6025 | 6.639638200112<br>4845   | -59.23047303908<br>314  | Routing   | Problem   |
| 388.7149654738<br>356  | 3.722089770027<br>3783   | -55.43457103864<br>78   | Routing   | Problem   |
| 294.2278842345<br>096  | 6.183694998611<br>582  | -63.92699157337<br>7165   | Routing   | Problem   |
| 383.7961336015<br>0677 | 6.668913528391<br>871  | -56.12561675356<br>3804   | Routing   | Problem   |
| 257.1508188428         | 4.846593778578   | -57.53636660391   | Routing   | Problem   |
| 396                    | 637  | 71  |   |   |
|                        | 0912<br>319.9802846139<br>494<br>394.3348635520<br>648<br>373.1202404875<br>948<br>266.7885104134<br>952<br>266.2433615271<br>396<br>327.2831227317<br>849<br>337.3678288857<br>3543<br>256.2387492819<br>2737<br>320.6658358491<br>66<br>333.7769405598<br>514<br>327.7781082325<br>573<br>368.4469355656<br>44<br>297.8086109140<br>816<br>383.7592622480<br>7677<br>346.8571138286<br>415<br>315.2498550688<br>5037<br>263.8608648926<br>599<br>360.3743655102<br>604<br>320.3987193297<br>7684<br>355.5684182064<br>6025<br>388.7149654738<br>356<br>294.2278842345<br>096<br>383.7961336015<br>0677 | 0912 895   319.9802846139 6.204578159102   494 973   394.3348635520 5.177626033780   648 07   373.1202404875 6.388173386681   948 3   266.7885104134 6.542024004553   822 3820   266.2433615271 3.800820158775   396 337.3678288857   337.3678288857 5.933871356101   9905 5.007775931430   256.2387492819 5.007775931430   266.2387492819 5.007775931430   2737 361   320.6658358491 3.896904949604   66 284   333.7769405598 5.948514003569   514 34   327.7781082325 6.916374361039   573 368.4469355656   44 4.339311373962   44 4.339311373962   346.8571138286 6.816788139723   315.2498550688 5.622986039480   5037 263.8608648926 6.269520425487   599 353   360.3743655102 6.6396382 | 0912   895   732     319.9802846139   6.204578159102   -58.32305483068     494   973   -61.03695984670     394.3348635520   5.177626033780   -61.075948615877     373.1202404875   6.388173386681   -61.75948615877     948   7777   -6266     266.7885104134   6.542024004553   -55.38859118246     952   822   2626     266.2433615271   3.800820158775   -99.63.26825885175     396   9056   -63.56825885175     337.3678288857   5.933871356101   -60.14881762977     3543   9905   -66.36658358491   -60.14881762977     3543   3.896904949604   -56.33568638631     327.7781082325   5.948514003569   -61.02657797267     514   34   36     327.7781082325   6.926714550345   -63.00518159718     44   297.8086109140   4.339311373962   -60.31631487540     383.7592622480   6.816788139723   -55.23311861240     7677   219   -60.61178556849 | 0912   895   732     319,902846139   6.204578159102   -58.32305483068   Routing 287     394,3348635520   5.177626033780   -61.03695984670   Routing 688     373,1202404875   6.388173386681   -61.75948615877   Routing 777     266.7885104134   6.542024004553   -55.38859118246   Routing 2662     266.2433615271   3.800820158775   -63.56825885175   Routing 299     327.2831227317   6.354545608191   -61.24502230469   Routing 299     337.3678288857   5.933871356101   -60.14881762977   Routing 366     256.2387492819   5.007775931430   -59.07131111880   Routing 914     320.6658358491   3.896904949604   -56.33568638631   Routing 618     327.7781082325   6.916374361039   -61.02657797267   Routing 618     327.7781082325   6.996714550345   -63.00518159718   Routing 618     327.781082325   6.926714550345   -63.00518159718   Routing 618     327.781082325   6.9267814550345   -63.00518159718   Routing 618     327.7281086109140   4.3333713737962 |

| 16.87622492308         | 307.2471761468         | 6.142962286505         | -61.75265602954         | Dout in a | Droblom |
|------------------------|------------------------|------------------------|-------------------------|-----------|---------|
| 3015                   | 1424                   | 181                    | 4966                    |           |         |
| 34.54838205686<br>423  | 350.5087437099<br>943  | 6.944543683316<br>749  | -64.05929992670<br>912  | Routing   | Problem |
| 39.74536837256<br>805  | 307.2573981355<br>9596 | 4.472090469680<br>9045 | -57.08662088156<br>8024 | Routing   | Problem |
| 26.72157992406<br>444  | 363.3139062479<br>17   | 5.452992694327<br>829  | -62.51329878609<br>2065 | Routing   | Problem |
| 37.75364690228<br>8594 | 272.3541169604<br>375  | 4.041335201850<br>245  | -63.46517493458<br>575  | Routing   | Problem |
| 20.51068818648         | 269.4090208685<br>6124 | 4.613216740983<br>502  | -62.18356730632<br>8364 | Routing   | Problem |
| 30.46089744070         | 303.7127923787<br>189  | 3.790214538277<br>636  | -59.32844794088<br>233  | Routing   | Problem |
| 15.73277896221<br>488  | 327.3789885017<br>1047 | 6.164552262170<br>481  | -58.80926382685<br>0085 | Routing   | Problem |
| 29.95482991623<br>9923 | 321.0909955377<br>584  | 4.752006246341<br>724  | -64.13363934392<br>694  | Routing   | Problem |
| 33.18781563928<br>063  | 328.4444956676<br>1807 | 3.168803352397<br>931  | -55.67308485650<br>509  | Routing   | Problem |
| 36.09129805076<br>827  | 255.6709736218<br>5893 | 5.957361605214<br>854  | -63.65052461586<br>954  | Routing   | Problem |
| 39.29104155107<br>167  | 338.3908602428<br>745  | 4.460528025195<br>697  | -55.71392725273<br>131  | Routing   | Problem |
| 28.51640880656<br>0026 | 260.1341419015<br>232  | 4.929764277858<br>959  | -63.26212098429<br>9116 | Routing   | Problem |
| 32.87360756775<br>391  | 303.7506019552<br>959  | 3.084103888848<br>364  | -59.44239760892<br>7884 | Routing   | Problem |
| 37.98392703575<br>076  | 316.3130368694<br>4847 | 3.836357883928<br>079  | -61.10301697025<br>544  | Routing   | Problem |
| 30.07110265131<br>7215 | 355.1703360434<br>0014 | 3.415128761272<br>736  | -62.18098096200<br>893  | Routing   | Problem |
| 29.43042746291         | 286.6881992519<br>9733 | 4.398835615788<br>16   | -61.17995984959<br>469  | Routing   | Problem |
| 19.19525412003         | 368.9532518126<br>527  | 4.383331871681<br>0075 | -60.73679359760<br>788  | Routing   | Problem |
| 38.34658274105<br>7354 | 334.8270760316<br>635  | 3.818650343394<br>757  | -60.41423745183<br>989  | Routing   | Problem |
| 26.76490623588<br>457  | 365.5818658641<br>665  | 6.332078683557<br>594  | -61.35676310220<br>264  | Routing   | Problem |
| 17.90905018444<br>5306 | 275.5746608578<br>3267 | 4.593764992729<br>625  | -61.65413221111<br>407  | Routing   | Problem |
| 19.69367066674<br>8112 | 305.7135259297<br>922  | 5.554291020012<br>169  | -60.91124600053<br>402  | Routing   | Problem |
| 21.95031305807<br>2474 | 383.4062902489<br>5554 | 5.298662364866<br>438  | -57.94043683447<br>762  | Routing   | Problem |
| 23.41114191709         | 382.3104920462<br>5435 | 4.582134166586<br>2505 | -55.64993707284<br>3635 | Routing   | Problem |
| 23.92565720545         | 326.2450967930<br>066  | 4.670369127627         | -61.97287863526<br>7456 | Routing   | Problem |
| 33.10589057421<br>8606 | 391.2018642868<br>221  | 4.639279971556         | -62.10041896719<br>214  | Routing   | Problem |

| 20.32559598435         | 350.2405979691<br>2104 | 5.977740414906<br>091  | -63.67042013115<br>  171 | Routing | Problem |
|------------------------|------------------------|------------------------|--------------------------|---------|---------|
| 16.70079843916<br>4497 | 390.7654936152<br>83   | 5.443049678609<br>965  | -60.50399270557<br>706   | Routing | Problem |
| 19.14634142831<br>2944 | 394.3545054231<br>246  | 6.149535739687<br>0025 | -61.85080095137<br>722   | Routing | Problem |
| 28.83784156179<br>335  | 396.1485991127<br>985  | 4.826676980208<br>882  | -61.99825529104<br>708   | Routing | Problem |
| 26.75523150466<br>4643 | 363.3742921557<br>414  | 6.361159992213<br>667  | -62.57379277747<br>117   | Routing | Problem |
| 38.47406713435<br>8776 | 283.8065741607<br>999  | 5.693616686856<br>695  | -57.89925647905<br>4834  | Routing | Problem |
| 31.80459091021<br>0777 | 308.7584788565<br>5696 | 6.371850862392<br>112  | -57.21034726512<br>705   | Routing | Problem |
| 16.42157145559<br>0605 | 390.7706159000<br>5417 | 3.433390416549<br>5217 | -62.45723525609<br>6965  | Routing | Problem |
| 26.76062807488<br>2845 | 336.2919312386<br>1046 | 3.514787570750<br>7614 | -62.68929038548<br>485   | Routing | Problem |
| 26.30405462180<br>8824 | 345.2080064548<br>429  | 6.890866361152<br>9555 | -57.71009306449<br>498   | Routing | Problem |
| 27.62622559440<br>2506 | 330.1363800143<br>5424 | 3.322391910984<br>6745 | -58.16084960178<br>839   | Routing | Problem |
| 15.37895216150<br>5408 | 347.2785777917<br>128  | 5.899620903891<br>451  | -56.76264157301<br>9785  | Routing | Problem |
| 33.98302833359         | 313.1995927457<br>544  | 4.188319322486<br>9615 | -55.11296596216<br>1255  | Routing | Problem |
| 21.19836919229         | 390.0090667055<br>1853 | 5.855622911464<br>085  | -62.61500670973<br>761   | Routing | Problem |
| 31.92124123946<br>9882 | 308.1973511597<br>294  | 3.661252699921<br>8025 | -64.97354958099<br>298   | Routing | Problem |
| 39.04236092020<br>342  | 274.6374723313<br>227  | 6.821701987648<br>899  | -63.57278900387<br>186   | Routing | Problem |
| 15.39834082061<br>5442 | 397.9558845597<br>127  | 5.604406931130<br>835  | -60.78072850153<br>646   | Routing | Problem |
| 19.60363742221<br>0106 | 282.1466502124<br>914  | 6.588751837270<br>075  | -61.90869033158<br>1305  | Routing | Problem |
| 25.10991918442<br>215  | 306.3151072686<br>412  | 4.057932249512<br>062  | -63.29725875185<br>619   | Routing | Problem |
| 20.00450254478         | 278.0033621058<br>434  | 3.474798188497<br>3873 | -63.70914293165<br>9024  | Routing | Problem |
| 30.62255327106         | 331.9748900725<br>641  | 3.684296877938<br>8365 | -63.00839305813<br>476   | Routing | Problem |
| 38.40806455684<br>816  | 311.3152837197<br>5367 | 3.944676780444<br>2358 | -61.38149260035<br>186   | Routing | Problem |
| 36.82365321032<br>297  | 398.1036675061<br>6936 | 3.338760693221<br>044  | -63.41103809369<br>4266  | Routing | Problem |
| 30.50045013328<br>9633 | 353.2449016015<br>635  | 4.426179612171<br>554  | -63.80415817974<br>0114  | Routing | Problem |
| 35.36061235414<br>027  | 307.6014458477<br>4434 | 5.188046176436<br>744  | -59.85361158149<br>136   | Routing | Problem |
| 31.04888692023<br>4136 | 270.2393040127<br>5135 | 3.370118556243<br>3214 | -59.08627160139<br>37    | Routing | Problem |

| 34.13566844097<br>723  | 379.7396537609<br>3656 | 4.044421701417<br>329  | -60.46136390048         | Routing | Problem |
|------------------------|------------------------|------------------------|-------------------------|---------|---------|
| 24.93330208041<br>9423 | 333.1981351969<br>581  | 6.098389698268<br>668  | -58.04660685407<br>2564 | Routing | Problem |
| 15.78885035460<br>149  | 304.7715646542<br>944  | 4.029675977563<br>95   | -59.55640932781<br>355  | Routing | Problem |
| 31.77734550795<br>883  | 339.4283444591<br>1285 | 5.621835116224<br>6325 | -56.91153403013<br>7    | Routing | Problem |
| 32.29334350206<br>854  | 360.6679999112<br>719  | 5.181952613725<br>23   | -56.08952827926<br>291  | Routing | Problem |
| 32.77045180868<br>579  | 257.5153059878<br>3484 | 6.664170836911<br>564  | -56.72058404998<br>875  | Routing | Problem |
| 25.57568586973<br>371  | 377.6889236229<br>016  | 3.950379994877<br>0673 | -58.23496698994<br>5725 | Routing | Problem |
| 27.18930190697<br>4443 | 390.5366048974<br>007  | 5.507510245526<br>7375 | -62.40294134957<br>149  | Routing | Problem |