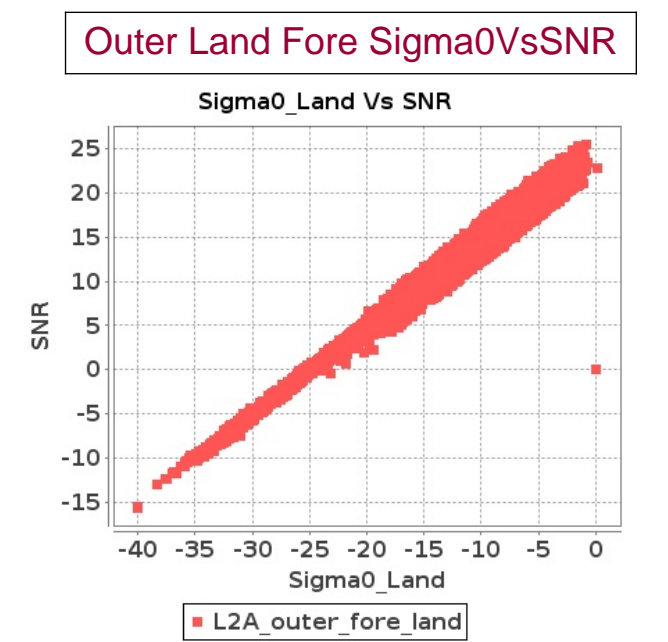
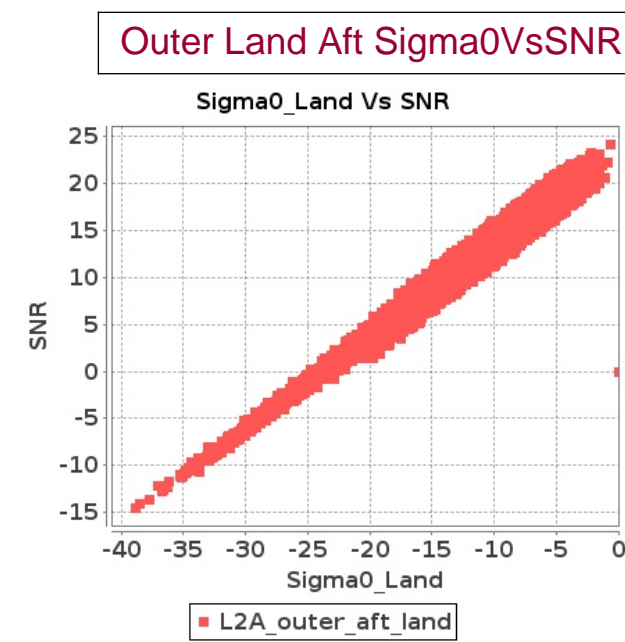
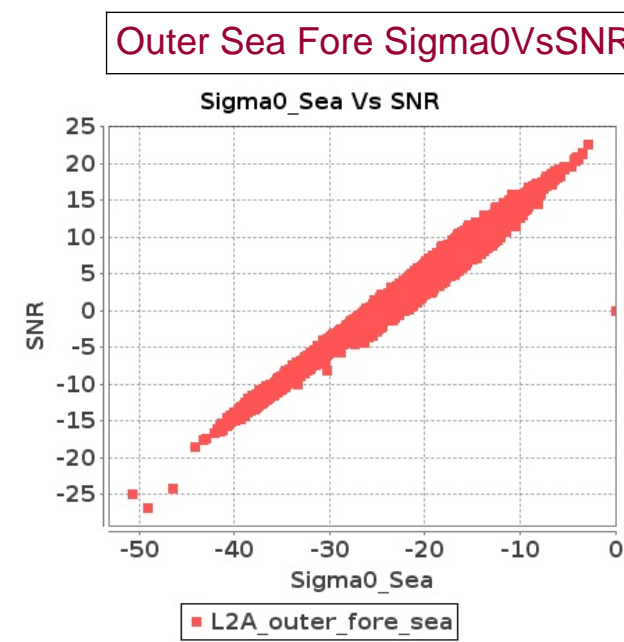
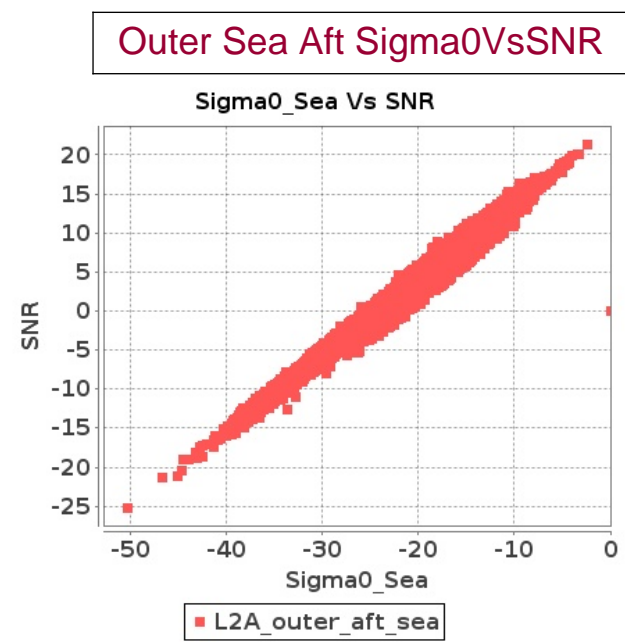
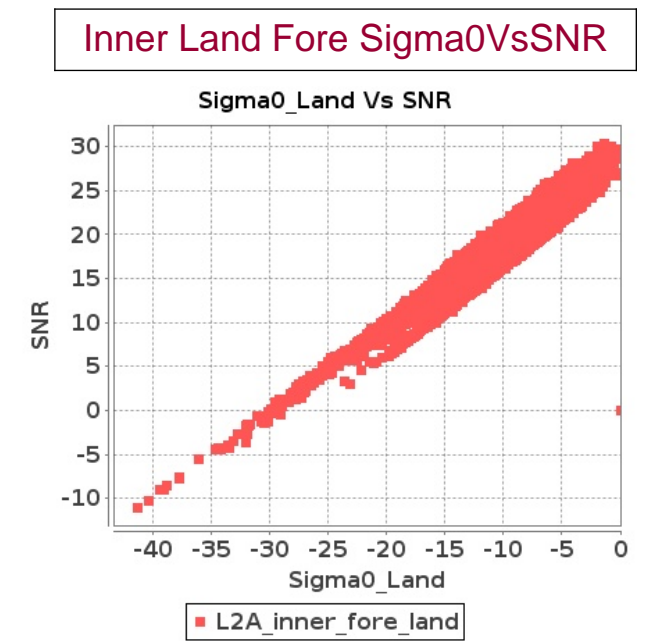
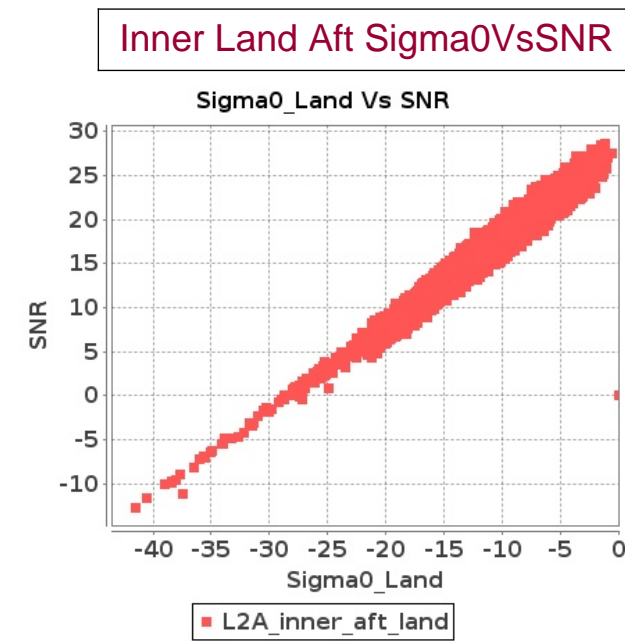
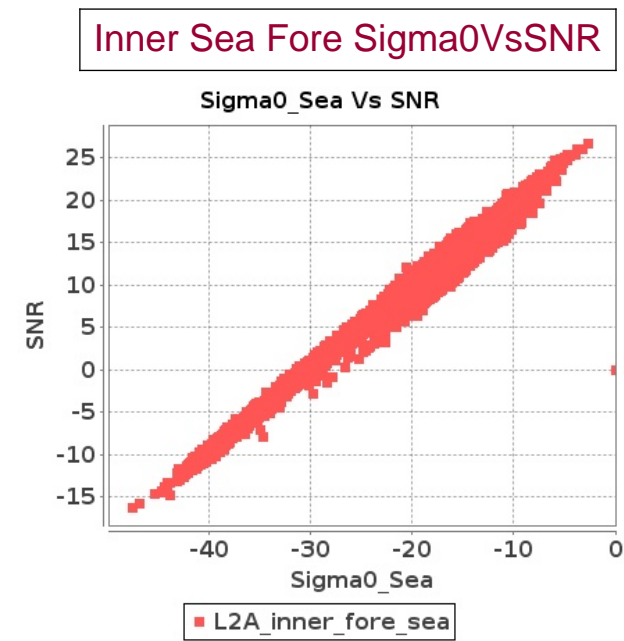
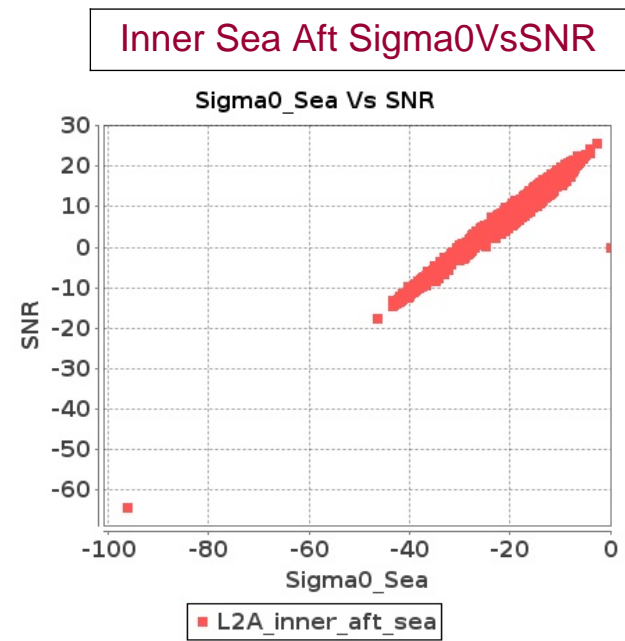


# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 29-MAY-2017 To 30-MAY-2017







|    |      |      |    |   |       |        |       |     |        |       |     |        |       |     |        |       |       |        |        |     |        |       |     |        |       |     |        |       |
|----|------|------|----|---|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-------|--------|--------|-----|--------|-------|-----|--------|-------|-----|--------|-------|
| 68 | 3566 | 3567 | NS | 1 | 0.0   | 39.742 | 1.051 | 0.0 | 43.547 | 0.828 | 0.0 | 36.894 | 0.744 | 0.0 | 36.156 | 0.784 | 0.0   | 38.589 | 0.844  | 0.0 | 39.448 | 0.727 | 0.0 | 34.306 | 0.64  | 0.0 | 36.769 | 0.697 |
| 69 | 3567 | 3568 | NS | 1 | 0.0   | 44.164 | 1.538 | 0.0 | 48.715 | 1.189 | 0.0 | 47.248 | 1.049 | 0.0 | 41.03  | 0.949 | 0.0   | 45.029 | 1.311  | 0.0 | 49.689 | 1.009 | 0.0 | 43.827 | 0.874 | 0.0 | 40.413 | 0.77  |
| 70 | 3567 | 3568 | SN | 1 | 0.0   | 46.39  | 5.943 | 0.0 | 43.783 | 4.929 | 0.0 | 41.122 | 4.48  | 0.0 | 41.142 | 4.02  | 0.0   | 48.347 | 5.42   | 0.0 | 44.639 | 4.404 | 0.0 | 40.935 | 4.061 | 0.0 | 40.774 | 3.706 |
| 71 | 3567 | 3568 | SN | 1 | 0.0   | 49.011 | 2.017 | 0.0 | 47.346 | 1.747 | 0.0 | 41.936 | 1.653 | 0.0 | 39.334 | 1.385 | 0.0   | 47.432 | 1.802  | 0.0 | 48.765 | 1.486 | 0.0 | 37.934 | 1.483 | 0.0 | 42.607 | 1.216 |
| 72 | 3567 | 3568 | NS | 1 | 0.0   | 48.884 | 3.95  | 0.0 | 50.126 | 3.113 | 0.0 | 51.101 | 2.949 | 0.0 | 45.313 | 3.257 | 0.0   | 44.437 | 3.304  | 0.0 | 49.155 | 2.537 | 0.0 | 51.43  | 2.558 | 0.0 | 46.524 | 2.645 |
| 73 | 3568 | 3569 | SN | 1 | 0.0   | 42.396 | 1.9   | 0.0 | 37.949 | 1.583 | 0.0 | 41.944 | 1.524 | 0.0 | 36.302 | 1.705 | 0.0   | 41.926 | 1.63   | 0.0 | 36.607 | 1.357 | 0.0 | 42.649 | 1.427 | 0.0 | 36.253 | 1.53  |
| 74 | 3568 | 3569 | SN | 1 | 0.0   | 43.973 | 5.516 | 0.0 | 43.752 | 4.496 | 0.0 | 37.617 | 4.331 | 0.0 | 38.762 | 4.544 | 0.0   | 43.396 | 4.833  | 0.0 | 43.447 | 3.863 | 0.0 | 38.73  | 4.214 | 0.0 | 37.973 | 4.265 |
| 75 | 3568 | 3569 | SN | 1 | 0.0   | 43.973 | 5.409 | 0.0 | 43.752 | 4.421 | 0.0 | 37.617 | 4.295 | 0.0 | 38.762 | 4.467 | 0.0   | 43.396 | 4.746  | 0.0 | 43.447 | 3.798 | 0.0 | 38.73  | 4.146 | 0.0 | 37.973 | 4.193 |
| 76 | 3568 | 3569 | NS | 1 | 0.446 | 54.707 | 4.617 | 0.0 | 49.159 | 3.913 | 0.0 | 45.677 | 4.141 | 0.0 | 45.309 | 4.075 | 0.45  | 59.036 | 4.193  | 0.0 | 48.966 | 3.539 | 0.0 | 45.801 | 3.978 | 0.0 | 44.254 | 3.762 |
| 77 | 3568 | 3569 | SN | 1 | 0.0   | 42.396 | 1.853 | 0.0 | 37.949 | 1.555 | 0.0 | 41.944 | 1.488 | 0.0 | 36.302 | 1.675 | 0.0   | 41.926 | 1.584  | 0.0 | 36.607 | 1.333 | 0.0 | 42.649 | 1.389 | 0.0 | 36.253 | 1.502 |
| 78 | 3568 | 3569 | NS | 1 | 0.0   | 47.406 | 1.741 | 0.0 | 48.997 | 1.58  | 0.0 | 40.346 | 1.146 | 0.0 | 44.012 | 1.252 | 0.0   | 45.618 | 1.651  | 0.0 | 47.234 | 1.478 | 0.0 | 42.018 | 1.065 | 0.0 | 44.578 | 1.147 |
| 79 | 3569 | 3570 | NS | 1 | 0.0   | 53.254 | 2.979 | 0.0 | 50.82  | 2.296 | 0.0 | 39.0   | 1.91  | 0.0 | 47.248 | 1.855 | 0.0   | 57.279 | 2.781  | 0.0 | 49.627 | 2.097 | 0.0 | 38.806 | 1.827 | 0.0 | 45.141 | 1.649 |
| 80 | 3569 | 3570 | NS | 1 | 0.594 | 54.785 | 9.264 | 0.0 | 46.976 | 7.827 | 0.0 | 51.667 | 6.776 | 0.0 | 48.017 | 6.025 | 0.398 | 56.625 | 8.749  | 0.0 | 47.584 | 7.028 | 0.0 | 54.002 | 6.293 | 0.0 | 48.194 | 5.505 |
| 81 | 3569 | 3570 | SN | 1 | 0.0   | 46.758 | 10.67 | 0.0 | 46.665 | 9.568 | 0.0 | 43.214 | 7.558 | 0.0 | 42.569 | 7.713 | 0.0   | 47.077 | 10.459 | 0.0 | 47.216 | 9.283 | 0.0 | 41.176 | 7.558 | 0.0 | 42.184 | 7.198 |
| 82 | 3569 | 3570 | SN | 1 | 0.0   | 48.14  | 3.527 | 0.0 | 47.063 | 3.058 | 0.0 | 38.188 | 2.612 | 0.0 | 41.195 | 2.749 | 0.0   | 50.179 | 3.236  | 0.0 | 43.105 | 2.829 | 0.0 | 38.258 | 2.506 | 0.0 | 40.61  | 2.412 |
| 83 | 3572 | 3573 | NS | 1 | 0.0   | 50.234 | 2.372 | 0.0 | 49.847 | 2.112 | 0.0 | 40.132 | 1.524 | 0.0 | 41.865 | 1.616 | 0.0   | 48.993 | 2.185  | 0.0 | 51.014 | 1.846 | 0.0 | 39.329 | 1.41  | 0.0 | 39.85  | 1.519 |
| 84 | 3572 | 3573 | SN | 1 | 0.0   | 48.737 | 1.548 | 0.0 | 49.373 | 1.476 | 0.0 | 37.371 | 1.264 | 0.0 | 40.47  | 1.213 | 0.0   | 48.247 | 1.315  | 0.0 | 49.55  | 1.37  | 0.0 | 37.919 | 1.156 | 0.0 | 42.84  | 1.099 |
| 85 | 3572 | 3573 | SN | 1 | 0.0   | 46.967 | 4.954 | 0.0 | 45.483 | 4.614 | 0.0 | 49.301 | 4.174 | 0.0 | 48.11  | 4.275 | 0.0   | 46.521 | 4.411  | 0.0 | 45.514 | 4.291 | 0.0 | 47.422 | 3.904 | 0.0 | 49.368 | 3.868 |
| 86 | 3572 | 3573 | NS | 1 | 0.0   | 54.912 | 7.454 | 0.0 | 57.923 | 7.001 | 0.0 | 46.812 | 5.148 | 0.0 | 47.89  | 5.012 | 0.0   | 54.205 | 6.727  | 0.0 | 55.316 | 6.587 | 0.0 | 46.823 | 5.162 | 0.0 | 47.888 | 5.04  |
| 87 | 3573 | 3574 | NS | 1 | 0.0   | 41.938 | 2.058 | 0.0 | 45.929 | 1.564 | 0.0 | 48.949 | 1.307 | 0.0 | 52.004 | 1.191 | 0.0   | 43.699 | 1.751  | 0.0 | 45.48  | 1.332 | 0.0 | 45.171 | 1.132 | 0.0 | 51.577 | 1.058 |
| 88 | 3573 | 3574 | NS | 1 | 0.0   | 55.35  | 6.271 | 0.0 | 49.103 | 5.327 | 0.0 | 46.741 | 4.344 | 0.0 | 44.264 | 4.131 | 0.0   | 57.256 | 5.595  | 0.0 | 50.783 | 4.791 | 0.0 | 46.841 | 3.897 | 0.0 | 44.618 | 3.662 |
| 89 | 3573 | 3574 | SN | 1 | 0.0   | 48.078 | 4.652 | 0.0 | 51.661 | 4.402 | 0.0 | 54.15  | 3.186 | 0.0 | 49.385 | 3.682 | 0.0   | 50.153 | 4.009  | 0.0 | 48.741 | 3.927 | 0.0 | 53.15  | 2.923 | 0.0 | 47.501 | 3.183 |
| 90 | 3573 | 3574 | SN | 1 | 0.0   | 42.592 | 1.408 | 0.0 | 51.851 | 1.451 | 0.0 | 39.173 | 1.024 | 0.0 | 41.231 | 1.165 | 0.0   | 40.599 | 1.13   | 0.0 | 49.779 | 1.22  | 0.0 | 36.567 | 0.866 | 0.0 | 42.248 | 0.978 |
| 91 | 3574 | 3575 | NS | 1 | 0.0   | 44.651 | 1.454 | 0.0 | 40.876 | 1.085 | 0.0 | 41.738 | 1.054 | 0.0 | 43.715 | 0.943 | 0.0   | 42.785 | 1.159  | 0.0 | 42.123 | 0.819 | 0.0 | 40.508 | 0.793 | 0.0 | 40.91  | 0.713 |
| 92 | 3574 | 3575 | NS | 1 | 0.0   | 49.643 | 4.393 | 0.0 | 50.892 | 3.578 | 0.0 | 41.566 | 3.109 | 0.0 | 47.849 | 2.794 | 0.0   | 49.132 | 3.697  | 0.0 | 53.585 | 2.911 | 0.0 | 41.927 | 2.534 | 0.0 | 51.182 | 2.247 |

| Parameter Specifications | Parameters | SNR  | Sigma0 | Normal | Deviations |
|--------------------------|------------|------|--------|--------|------------|
|                          | Range      | 20.0 | 20.0   |        |            |

| Sr No | Start Orbit | End Orbit | Dir. | Ver. | Azimuth Angle |        |            |            |        |            |           |         |            |            |         |            | Incidence Angle |       |            |            |       |            |           |       |            |            |       |            |
|-------|-------------|-----------|------|------|---------------|--------|------------|------------|--------|------------|-----------|---------|------------|------------|---------|------------|-----------------|-------|------------|------------|-------|------------|-----------|-------|------------|------------|-------|------------|
|       |             |           |      |      | Inner Aft     |        |            | Inner Fore |        |            | Outer Aft |         |            | Outer Fore |         |            | Inner Aft       |       |            | Inner Fore |       |            | Outer Aft |       |            | Outer Fore |       |            |
|       |             |           |      |      | Min           | Max    | BadOcc (%) | Min        | Max    | BadOcc (%) | Min       | Max     | BadOcc (%) | Min        | Max     | BadOcc (%) | Min             | Max   | BadOcc (%) | Min        | Max   | BadOcc (%) | Min       | Max   | BadOcc (%) | Min        | Max   | BadOcc (%) |
| 1     | 3550        | 3551      | SN   | 1    | 0.0           | 25.788 | 8.286      | 0.0        | 27.294 | 7.847      | 0.0       | 161.623 | 1.734      | 0.0        | 11.703  | 1.794      | 0.0             | 1.874 | 0.0        | 0.0        | 1.895 | 0.0        | 0.0       | 2.008 | 0.0        | 0.0        | 2.049 | 0.0        |
| 2     | 3550        | 3551      | SN   | 1    | 0.0           | 31.193 | 15.284     | 0.0        | 27.244 | 14.182     | 0.0       | 155.22  | 10.484     | 0.0        | 14.935  | 9.468      | 0.0             | 1.861 | 0.0        | 0.0        | 1.913 | 0.0        | 0.0       | 2.011 | 0.0        | 0.0        | 2.063 | 0.0        |
| 3     | 3550        | 3551      | NS   | 1    | 0.0           | 27.244 | 14.117     | 0.0        | 31.524 | 16.045     | 0.0       | 356.421 | 13.85      | 0.0        | 85.83   | 13.785     | 0.0             | 1.915 | 0.0        | 0.0        | 1.914 | 0.0        | 0.0       | 2.065 | 0.0        | 0.0        | 2.045 | 0.0        |
| 4     | 3550        | 3551      | SN   | 1    | 0.0           | 29.72  | 15.18      | 0.0        | 28.408 | 14.527     | 0.0       | 155.22  | 10.317     | 0.0        | 62.501  | 10.027     | 0.0             | 1.861 | 0.0        | 0.0        | 1.913 | 0.0        | 0.0       | 2.011 | 0.0        | 0.0        | 2.063 | 0.0        |
| 5     | 3550        | 3551      | NS   | 1    | 0.0           | 25.435 | 9.86       | 0.0        | 24.784 | 9.796      | 0.0       | 358.891 | 3.953      | 0.0        | 143.026 | 3.606      | 0.0             | 1.911 | 0.0        | 0.0        | 1.903 | 0.0        | 0.0       | 2.063 | 0.0        | 0.0        | 2.046 | 0.0        |
| 6     | 3550        | 3551      | SN   | 1    | 0.0           | 25.788 | 8.273      | 0.0        | 27.294 | 7.943      | 0.0       | 161.623 | 1.69       | 0.0        | 60.29   | 1.964      | 0.0             | 1.874 | 0.0        | 0.0        | 1.895 | 0.0        | 0.0       | 2.008 | 0.0        | 0.0        | 2.049 | 0.0        |
| 7     | 3551        | 3552      | SN   | 1    | 0.0           | 33.046 | 8.295      | 0.0        | 27.299 | 7.902      | 0.0       | 157.69  | 1.718      | 0.0        | 13.76   | 1.846      | 0.0             | 1.873 | 0.0        | 0.0        | 1.9   | 0.0        | 0.0       | 2.01  | 0.0        | 0.0        | 2.051 | 0.0        |
| 8     | 3551        | 3552      | NS   | 1    | 0.0           | 25.347 | 9.861      | 0.0        | 24.779 | 9.712      | 0.0       | 305.843 | 3.899      | 0.0        | 138.167 | 3.571      | 0.0             | 1.91  | 0.0        | 0.0        | 1.903 | 0.0        | 0.0       | 2.064 | 0.0        | 0.0        | 2.044 | 0.0        |
| 9     | 3551        | 3552      | SN   | 1    | 0.0           | 33.046 | 8.282      | 0.0        | 27.299 | 7.973      | 0.0       | 157.69  | 1.7        | 0.0        | 76.435  | 1.982      | 0.0             | 1.873 | 0.0        | 0.0        | 1.9   | 0.0        | 0.0       | 2.01  | 0.0        | 0.0        | 2.051 | 0.0        |
| 10    | 3551        | 3552      | NS   | 1    | 0.0           | 27.283 | 14.15      | 0.0        | 31.844 | 15.95      | 0.0       | 308.628 | 13.849     | 0.0        | 81.898  | 13.789     | 0.0             | 1.913 | 0.0        | 0.0        | 1.916 | 0.0        | 0.0       | 2.066 | 0.0        | 0.0        | 2.046 | 0.0        |
| 11    | 3551        | 3552      | SN   | 1    | 0.0           | 34.877 | 15.187     | 0.0        | 28.579 | 14.579     | 0.0       | 155.242 | 10.363     | 0.0        | 59.347  | 10.131     | 0.0             | 1.863 | 0.0        | 0.0        | 1.932 | 0.0        | 0.0       | 2.014 | 0.0        | 0.0        | 2.069 | 0.0        |
| 12    | 3551        | 3552      | SN   | 1    | 0.0           | 34.877 | 15.244     | 0.0        | 28.579 | 14.384     | 0.0       | 155.242 | 10.448     | 0.0        | 20.102  | 9.802      | 0.0             | 1.863 | 0.0        | 0.0        | 1.932 | 0.0        | 0.0       | 2.014 | 0.0        | 0.0        | 2.069 | 0.0        |
| 13    | 3552        | 3553      | NS   | 1    | 0.0           | 27.288 | 14.208     | 0.0        | 31.822 | 15.927     | 0.0       | 349.113 | 13.792     | 0.0        | 82.499  | 13.789     | 0.0             | 1.913 | 0.0        | 0.0        | 1.913 | 0.0        | 0.0       | 2.065 | 0.0        | 0.0        | 2.043 | 0.0        |
| 14    | 3552        | 3553      | SN   | 1    | 0.0           | 29.72  | 15.189     | 0.0        | 28.452 | 14.57      | 0.0       | 153.278 | 10.377     | 0.0        | 86.495  | 10.174     | 0.0             | 1.863 | 0.0        | 0.0        | 1.917 | 0.0        | 0.0       | 2.011 | 0.0        | 0.0        | 2.067 | 0.0        |
| 15    | 3552        | 3553      | SN   | 1    | 0.0           | 31.215 | 15.26      | 0.0        | 27.933 | 14.352     | 0.0       | 153.278 | 10.487     | 0.0        | 86.495  | 9.791      | 0.0             | 1.863 | 0.0        | 0.0        | 1.917 | 0.0        | 0.0       | 2.011 | 0.0        | 0.0        | 2.067 | 0.0        |
| 16    | 3552        | 3553      | SN   | 1    | 0.0           | 25.783 | 8.311      | 0.0        | 27.31  | 7.95       | 0.0       | 151.822 | 1.75       | 0.0        | 190.383 | 1.845      | 0.0             | 1.879 | 0.0        | 0.0        | 1.896 | 0.0        | 0.0       | 2.008 | 0.0        | 0.0        | 2.042 | 0.0        |
| 17    | 3552        | 3553      | NS   | 1    | 0.0           | 25.369 | 9.859      | 0.0        | 24.79  | 9.685      | 0.0       | 307.387 | 3.873      | 0.0        | 142.452 | 3.527      | 0.0             | 1.906 | 0.0        | 0.0        | 1.907 | 0.0        | 0.0       | 2.064 | 0.0        | 0.0        | 2.043 | 0.0        |
| 18    | 3552        | 3553      | SN   | 1    | 0.0           | 25.783 | 8.298      | 0.0        | 27.31  | 8.026      | 0.0       | 151.822 | 1.727      | 0.0        | 190.383 | 1.993      | 0.0             | 1.879 | 0.0        | 0.0        | 1.896 | 0.0        | 0.0       | 2.008 | 0.0        | 0.0        | 2.042 | 0.0        |
| 19    | 3553        | 3554      | SN   | 1    | 0.0           | 25.794 | 8.313      | 0.0        | 27.31  | 8.037      | 0.0       | 155.214 | 1.718      | 0.0        | 77.011  | 2.002      | 0.0             | 1.876 | 0.0        | 0.0        | 1.894 | 0.0        | 0.0       | 2.01  | 0.0        | 0.0        | 2.05  | 0.0        |
| 20    | 3553        | 3554      | SN   | 1    | 0.0           | 25.794 | 8.33       | 0.0        | 27.31  | 7.949      | 0.0       | 155.214 | 1.756      | 0.0        | 11.736  | 1.814      | 0.0             | 1.876 | 0.0        | 0.0        | 1.894 | 0.0        | 0.0       | 2.01  | 0.0        | 0.0        | 2.05  | 0.0        |
| 21    | 3553        | 3554      | SN   | 1    | 0.629         | 31.193 | 15.303     | 0.0        | 28.099 | 14.265     | 0.0       | 171.748 | 10.584     | 0.0        | 17.058  | 9.713      | 0.001           | 1.865 | 0.0        | 0.0        | 1.913 | 0.0        | 0.0       | 2.014 | 0.0        | 0.0        | 2.067 | 0.0        |
| 22    | 3553        | 3554      | NS   | 1    | 0.0           | 25.352 | 9.866      | 0.0        | 24.773 | 9.676      | 0.0       | 354.027 | 3.865      | 0.0        | 149.501 | 3.543      | 0.0             | 1.911 | 0.0        | 0.0        | 1.898 | 0.0        | 0.0       | 2.063 | 0.0        | 0.0        | 2.043 | 0.0        |
| 23    | 3553        | 3554      | NS   | 1    | 0.0           | 27.261 | 14.177     | 0.0        | 31.739 | 15.876     | 0.0       | 140.619 | 13.806     | 0.0        | 83.15   | 13.809     | 0.0             | 1.923 | 0.0        | 0.0        | 1.914 | 0.0        | 0.0       | 2.067 | 0.0        | 0.0        | 2.047 | 0.0        |
| 24    | 3553        | 3554      | SN   | 1    | 0.0           | 29.72  | 15.209     | 0.0        | 28.573 | 14.608     | 0.0       | 171.748 | 10.413     | 0.0        | 60.522  | 10.268     | 0.0             | 1.865 | 0.0        | 0.0        | 1.913 | 0.0        | 0.0       | 2.014 | 0.0        | 0.0        | 2.067 | 0.0        |
| 25    | 3554        | 3555      | NS   | 1    | 0.0           | 27.261 | 14.169     | 0.0        | 36.173 | 15.905     | 0.0       | 357.121 | 13.839     | 0.0        | 93.617  | 13.781     | 0.0             | 1.921 | 0.0        | 0.0        | 1.915 | 0.0        | 0.0       | 2.066 | 0.0        | 0.0        | 2.046 | 0.0        |
| 26    | 3554        | 3555      | SN   | 1    | 0.0           | 25.794 | 8.319      | 0.0        | 27.327 | 7.985      | 0.0       | 156.841 | 1.733      | 0.0        | 65.0    | 1.948      | 0.0             | 1.876 | 0.0        | 0.0        | 1.895 | 0.0        | 0.0       | 2.01  | 0.0        | 0.0        | 2.048 | 0.0        |
| 27    | 3554        | 3555      | SN   | 1    | 0.0           | 31.452 | 15.187     | 0.0        | 28.579 | 14.599     | 0.0       | 160.211 | 10.497     | 0.0        | 61.365  | 10.153     | 0.0             | 1.859 | 0.0        | 0.0        | 1.913 | 0.0        | 0.0       | 2.011 | 0.0        | 0.0        | 2.065 | 0.0        |
| 28    | 3554        | 3555      | NS   | 1    | 0.0           | 25.38  | 9.857      | 0.0        | 24.768 | 9.7        | 0.0       | 354.132 | 3.918      | 0.0        | 152.545 | 3.539      | 0.0             | 1.909 | 0.0        | 0.0        | 1.899 | 0.0        | 0.0       | 2.063 | 0.0        | 0.0        | 2.045 | 0.0        |
| 29    | 3555        | 3556      | NS   | 1    | 0.0           | 27.283 | 14.107     | 0.0        | 31.766 | 15.96      | 0.0       | 94.16   | 13.794     | 0.0        | 81.252  | 13.777     | 0.0             | 1.913 | 0.0        | 0.0        | 1.915 | 0.0        | 0.0       | 2.069 | 0.0        | 0.0        | 2.048 | 0.0        |
| 30    | 3555        | 3556      | SN   | 1    | 0.0           | 31.215 | 15.313     | 0.0        | 26.864 | 14.107     | 0.0       | 152.523 | 10.811     | 0.0        | 13.843  | 9.259      | 0.0             | 1.864 | 0.0        | 0.0        | 1.92  | 0.0        | 0.0       | 2.016 | 0.0        | 0.0        | 2.064 | 0.0        |
| 31    | 3555        | 3556      | SN   | 1    | 0.0           | 29.72  | 15.177     | 0.0        | 28.369 | 14.633     | 0.0       | 152.523 | 10.469     | 0.0        | 48.515  | 10.189     | 0.0             | 1.864 | 0.0        | 0.0        | 1.92  | 0.0        | 0.0       | 2.016 | 0.0        | 0.0        | 2.064 | 0.0        |

|                          |            |           |            |        |            |
|--------------------------|------------|-----------|------------|--------|------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal | Deviations |
|                          | Range      | 10.0      | 3.0        |        |            |



|    |      |      |    |   |       |        |        |     |        |        |     |         |        |     |         |        |     |       |     |     |       |     |     |       |     |     |       |     |
|----|------|------|----|---|-------|--------|--------|-----|--------|--------|-----|---------|--------|-----|---------|--------|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|
| 69 | 3567 | 3568 | NS | 1 | 0.0   | 25.358 | 9.91   | 0.0 | 24.768 | 9.712  | 0.0 | 350.277 | 4.057  | 0.0 | 144.388 | 3.624  | 0.0 | 1.908 | 0.0 | 0.0 | 1.897 | 0.0 | 0.0 | 2.063 | 0.0 | 0.0 | 2.044 | 0.0 |
| 70 | 3567 | 3568 | SN | 1 | 0.0   | 31.314 | 15.235 | 0.0 | 28.65  | 14.544 | 0.0 | 183.263 | 10.34  | 0.0 | 61.647  | 9.883  | 0.0 | 1.863 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.015 | 0.0 | 0.0 | 2.066 | 0.0 |
| 71 | 3567 | 3568 | SN | 1 | 0.0   | 25.799 | 8.279  | 0.0 | 27.327 | 7.983  | 0.0 | 164.093 | 1.744  | 0.0 | 62.959  | 1.925  | 0.0 | 1.874 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.012 | 0.0 | 0.0 | 2.044 | 0.0 |
| 72 | 3567 | 3568 | NS | 1 | 0.0   | 27.239 | 14.124 | 0.0 | 31.871 | 15.819 | 0.0 | 348.667 | 13.749 | 0.0 | 92.547  | 13.76  | 0.0 | 1.914 | 0.0 | 0.0 | 1.914 | 0.0 | 0.0 | 2.067 | 0.0 | 0.0 | 2.043 | 0.0 |
| 73 | 3568 | 3569 | SN | 1 | 0.0   | 25.783 | 8.286  | 0.0 | 27.316 | 7.922  | 0.0 | 162.963 | 1.782  | 0.0 | 12.354  | 1.739  | 0.0 | 1.873 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.009 | 0.0 | 0.0 | 2.045 | 0.0 |
| 74 | 3568 | 3569 | SN | 1 | 0.0   | 31.259 | 15.285 | 0.0 | 28.661 | 14.237 | 0.0 | 170.733 | 10.611 | 0.0 | 14.736  | 9.471  | 0.0 | 1.864 | 0.0 | 0.0 | 1.93  | 0.0 | 0.0 | 2.013 | 0.0 | 0.0 | 2.063 | 0.0 |
| 75 | 3568 | 3569 | SN | 1 | 0.0   | 29.72  | 15.142 | 0.0 | 28.661 | 14.63  | 0.0 | 170.733 | 10.418 | 0.0 | 62.601  | 10.11  | 0.0 | 1.864 | 0.0 | 0.0 | 1.93  | 0.0 | 0.0 | 2.013 | 0.0 | 0.0 | 2.063 | 0.0 |
| 76 | 3568 | 3569 | NS | 1 | 0.055 | 27.25  | 14.154 | 0.0 | 31.855 | 15.814 | 0.0 | 110.121 | 13.786 | 0.0 | 82.951  | 13.725 | 0.0 | 1.914 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.069 | 0.0 | 0.0 | 2.044 | 0.0 |
| 77 | 3568 | 3569 | SN | 1 | 0.0   | 25.783 | 8.282  | 0.0 | 27.316 | 8.045  | 0.0 | 162.963 | 1.744  | 0.0 | 69.77   | 1.967  | 0.0 | 1.873 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.009 | 0.0 | 0.0 | 2.045 | 0.0 |
| 78 | 3568 | 3569 | NS | 1 | 0.0   | 25.375 | 9.928  | 0.0 | 24.762 | 9.698  | 0.0 | 346.99  | 4.098  | 0.0 | 134.009 | 3.622  | 0.0 | 1.911 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.065 | 0.0 | 0.0 | 2.044 | 0.0 |
| 79 | 3569 | 3570 | NS | 1 | 0.0   | 25.347 | 9.94   | 0.0 | 24.768 | 9.739  | 0.0 | 335.966 | 4.107  | 0.0 | 136.215 | 3.643  | 0.0 | 1.908 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.066 | 0.0 | 0.0 | 2.044 | 0.0 |
| 80 | 3569 | 3570 | NS | 1 | 0.061 | 27.239 | 14.154 | 0.0 | 31.822 | 15.846 | 0.0 | 127.284 | 13.822 | 0.0 | 75.947  | 13.749 | 0.0 | 1.92  | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.066 | 0.0 | 0.0 | 2.049 | 0.0 |
| 81 | 3569 | 3570 | SN | 1 | 0.0   | 31.27  | 15.358 | 0.0 | 28.11  | 14.103 | 0.0 | 158.815 | 10.693 | 0.0 | 13.743  | 9.287  | 0.0 | 1.866 | 0.0 | 0.0 | 1.923 | 0.0 | 0.0 | 2.013 | 0.0 | 0.0 | 2.065 | 0.0 |
| 82 | 3569 | 3570 | SN | 1 | 0.0   | 25.788 | 8.315  | 0.0 | 27.321 | 7.867  | 0.0 | 157.282 | 1.798  | 0.0 | 11.725  | 1.721  | 0.0 | 1.874 | 0.0 | 0.0 | 1.905 | 0.0 | 0.0 | 2.009 | 0.0 | 0.0 | 2.046 | 0.0 |
| 83 | 3572 | 3573 | NS | 1 | 0.0   | 25.369 | 9.946  | 0.0 | 24.762 | 9.822  | 0.0 | 356.222 | 4.255  | 0.0 | 159.736 | 3.724  | 0.0 | 1.911 | 0.0 | 0.0 | 1.898 | 0.0 | 0.0 | 2.066 | 0.0 | 0.0 | 2.046 | 0.0 |
| 84 | 3572 | 3573 | SN | 1 | 0.0   | 25.772 | 8.242  | 0.0 | 27.305 | 8.011  | 0.0 | 164.937 | 1.672  | 0.0 | 44.23   | 1.899  | 0.0 | 1.873 | 0.0 | 0.0 | 1.903 | 0.0 | 0.0 | 2.012 | 0.0 | 0.0 | 2.048 | 0.0 |
| 85 | 3572 | 3573 | SN | 1 | 0.0   | 31.254 | 15.153 | 0.0 | 28.634 | 14.457 | 0.0 | 155.915 | 10.269 | 0.0 | 62.165  | 9.777  | 0.0 | 1.86  | 0.0 | 0.0 | 1.917 | 0.0 | 0.0 | 2.016 | 0.0 | 0.0 | 2.064 | 0.0 |
| 86 | 3572 | 3573 | NS | 1 | 0.0   | 27.239 | 14.15  | 0.0 | 31.882 | 15.801 | 0.0 | 147.22  | 13.783 | 0.0 | 75.732  | 13.727 | 0.0 | 1.919 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.069 | 0.0 | 0.0 | 2.046 | 0.0 |
| 87 | 3573 | 3574 | NS | 1 | 0.0   | 25.341 | 9.922  | 0.0 | 24.768 | 9.819  | 0.0 | 356.283 | 4.217  | 0.0 | 134.136 | 3.713  | 0.0 | 1.908 | 0.0 | 0.0 | 1.896 | 0.0 | 0.0 | 2.065 | 0.0 | 0.0 | 2.045 | 0.0 |
| 88 | 3573 | 3574 | NS | 1 | 0.0   | 27.272 | 14.078 | 0.0 | 31.557 | 15.779 | 0.0 | 356.283 | 13.82  | 0.0 | 77.111  | 13.723 | 0.0 | 1.922 | 0.0 | 0.0 | 1.912 | 0.0 | 0.0 | 2.069 | 0.0 | 0.0 | 2.045 | 0.0 |
| 89 | 3573 | 3574 | SN | 1 | 0.0   | 32.158 | 15.211 | 0.0 | 28.639 | 14.478 | 0.0 | 155.076 | 10.269 | 0.0 | 66.875  | 9.669  | 0.0 | 1.857 | 0.0 | 0.0 | 1.913 | 0.0 | 0.0 | 2.014 | 0.0 | 0.0 | 2.065 | 0.0 |
| 90 | 3573 | 3574 | SN | 1 | 0.0   | 25.783 | 8.235  | 0.0 | 73.165 | 7.97   | 0.0 | 160.045 | 1.667  | 0.0 | 52.608  | 1.901  | 0.0 | 1.874 | 0.0 | 0.0 | 1.895 | 0.0 | 0.0 | 2.011 | 0.0 | 0.0 | 2.05  | 0.0 |
| 91 | 3574 | 3575 | NS | 1 | 0.0   | 25.363 | 9.929  | 0.0 | 24.773 | 9.823  | 0.0 | 356.31  | 4.225  | 0.0 | 135.338 | 3.712  | 0.0 | 1.907 | 0.0 | 0.0 | 1.901 | 0.0 | 0.0 | 2.065 | 0.0 | 0.0 | 2.047 | 0.0 |
| 92 | 3574 | 3575 | NS | 1 | 0.0   | 27.239 | 14.12  | 0.0 | 31.562 | 15.806 | 0.0 | 356.31  | 13.827 | 0.0 | 77.828  | 13.702 | 0.0 | 1.913 | 0.0 | 0.0 | 1.915 | 0.0 | 0.0 | 2.068 | 0.0 | 0.0 | 2.045 | 0.0 |

|                          |            |           |            |          |             |
|--------------------------|------------|-----------|------------|----------|-------------|
| Parameter Specifications | Parameters | Azi.Angle | Inci.Angle | Normal   | Deviations  |
|                          | Range      | 10.0      | 3.0        | Alarming | High Errors |