## Appendix A - Description of test areas at Andøya

**Et bilde som inneholder kart, tekst, atlas

Automatisk generert beskrivelse**

**RED** = Official test area **1**, **Bleik**

**Green** = Official test area **2**, **Grunnvatn**

**Blue** = Official test area **3**, **Stave**

## Survey points

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Point-ID** | **EUREF89\_**  **North** | **EUREF89\_**  **East** | **NN2000\_Height\_**  **above\_sea** | **latitude** | **longitude** | **Height\_above**  **\_ellipsoid** | **Comments** |
| **SAMF** | 7685395.446 | 538232.984 | 6.875 | 69.27560042 | 15.96812897 | 42.72600000 | Foot antenna at roof |
| **RX\_1** | 7686320.589 | 539762.124 | 258.807 | 69.28367474 | 16.00722741 | 294.59500000 | Green antenna |
| **RX\_2** | 7685779.631 | 540153.461 | 322.392 | 69.27876623 | 16.01691109 | 358.16100000 | White antenna |
| **SENDER** | 7685918.429 | 539737.429 | 346.186 | 69.28007238 | 16.00643461 | 381.97600000 |  |
| **REFANTENNA** | 7685371.405 | 538238.585 | 5.156 | 69.27538406 | 15.96826115 | 41.00600000 | lower edge antenna |
| **E-BLEIK-RF** | 7685396.766 | 538259.934 | 6.786 | 69.27560844 | 15.96881180 | 42.63500000 | Ericsson |
| **E-BLEIK-LF** | 7685395.850 | 538260.522 | 6.752 | 69.27560014 | 15.96882632 | 42.60100000 | Ericsson |
| **E-BLEIK-LB** | 7685396.416 | 538261.416 | 6.749 | 69.27560509 | 15.96884918 | 42.59800000 | Ericsson |
| **E-BLEIK-RB** | 7685397.906 | 538261.593 | 6.797 | 69.27561842 | 15.96885426 | 42.64600000 | Ericsson |
| **11** | 7685382.663 | 538233.837 | 4.995 | 69.27548568 | 15.96814545 | 40.84500000 | Antenna frame |
| **12** | 7685383.215 | 538234.668 | 4.992 | 69.27549051 | 15.96816671 | 40.84200000 | Antenna frame |
| **13** | 7685383.767 | 538235.498 | 4.997 | 69.27549534 | 15.96818795 | 40.84700000 | Antenna frame |
| **14** | 7685384.324 | 538236.332 | 5.008 | 69.27550022 | 15.96820929 | 40.85800000 | Antenna frame |
| **21** | 7685383.494 | 538233.282 | 5.013 | 69.27549321 | 15.96813174 | 40.86400000 | Antenna frame |
| **22** | 7685384.045 | 538234.118 | 5.018 | 69.27549803 | 15.96815312 | 40.86800000 | Antenna frame |
| **23** | 7685384.601 | 538234.947 | 5.025 | 69.27550290 | 15.96817433 | 40.87500000 | Antenna frame |
| **24** | 7685385.159 | 538235.785 | 5.037 | 69.27550779 | 15.96819577 | 40.88700000 | Antenna frame |
| **31** | 7685384.335 | 538232.725 | 5.037 | 69.27550083 | 15.96811797 | 40.88800000 | Antenna frame |
| **32** | 7685384.882 | 538233.558 | 5.044 | 69.27550562 | 15.96813928 | 40.89400000 | Antenna frame |
| **33** | 7685385.440 | 538234.389 | 5.057 | 69.27551050 | 15.96816054 | 40.90700000 | Antenna frame |
| **34** | 7685385.992 | 538235.224 | 5.069 | 69.27551533 | 15.96818190 | 40.91900000 | Antenna frame |
| **41** | 7685385.141 | 538232.191 | 5.072 | 69.27550813 | 15.96810477 | 40.92300000 | Antenna frame |
| **42** | 7685385.693 | 538233.019 | 5.080 | 69.27551297 | 15.96812596 | 40.93100000 | Antenna frame |
| **43** | 7685386.247 | 538233.853 | 5.092 | 69.27551782 | 15.96814729 | 40.94200000 | Antenna frame |
| **44** | 7685386.798 | 538234.683 | 5.105 | 69.27552264 | 15.96816853 | 40.95500000 | Antenna frame |
| **1** | 7685388.481 | 538260.803 | 4.008 | 69.27553403 | 15.96883049 | 39.85700000 | Asphalt nail |
| **2** | 7685353.385 | 538179.057 | 4.630 | 69.27523091 | 15.96674688 | 40.48300000 | Asphalt nail |
| **LOK2-ORIG** | 7679453.277 | 536937.520 | 31.037 | 69.22249871 | 15.93303984 | 66.92400000 | Tree stick |
| **A50** | 7679501.876 | 536949.188 | 29.800 | 69.22293289 | 15.93335322 | 65.68600000 | Tree stick |
| **A100** | 7679550.476 | 536960.855 | 29.870 | 69.22336709 | 15.93366659 | 65.75600000 | Tree stick |
| **A150** | 7679599.075 | 536972.523 | 29.750 | 69.22380127 | 15.93398000 | 65.63600000 | Tree stick |
| **B50** | 7679418.873 | 536973.774 | 29.910 | 69.22218526 | 15.93394222 | 65.79500000 | Tree stick |
| **B100** | 7679384.469 | 537010.029 | 30.880 | 69.22187181 | 15.93484460 | 66.76300000 | Tree stick |
| **B150** | 7679350.065 | 537046.283 | 32.070 | 69.22155835 | 15.93574693 | 67.95100000 | Tree stick |
| **C50** | 7679439.082 | 536889.598 | 28.550 | 69.22237796 | 15.93182408 | 64.43900000 | Tree stick |
| **C100** | 7679424.887 | 536841.676 | 28.080 | 69.22225721 | 15.93060834 | 63.97100000 | Tree stick |
| **C150** | 7679410.691 | 536793.754 | 27.750 | 69.22213644 | 15.92939261 | 63.64300000 | Tree stick |

## Description of site 1

Overview of survey points



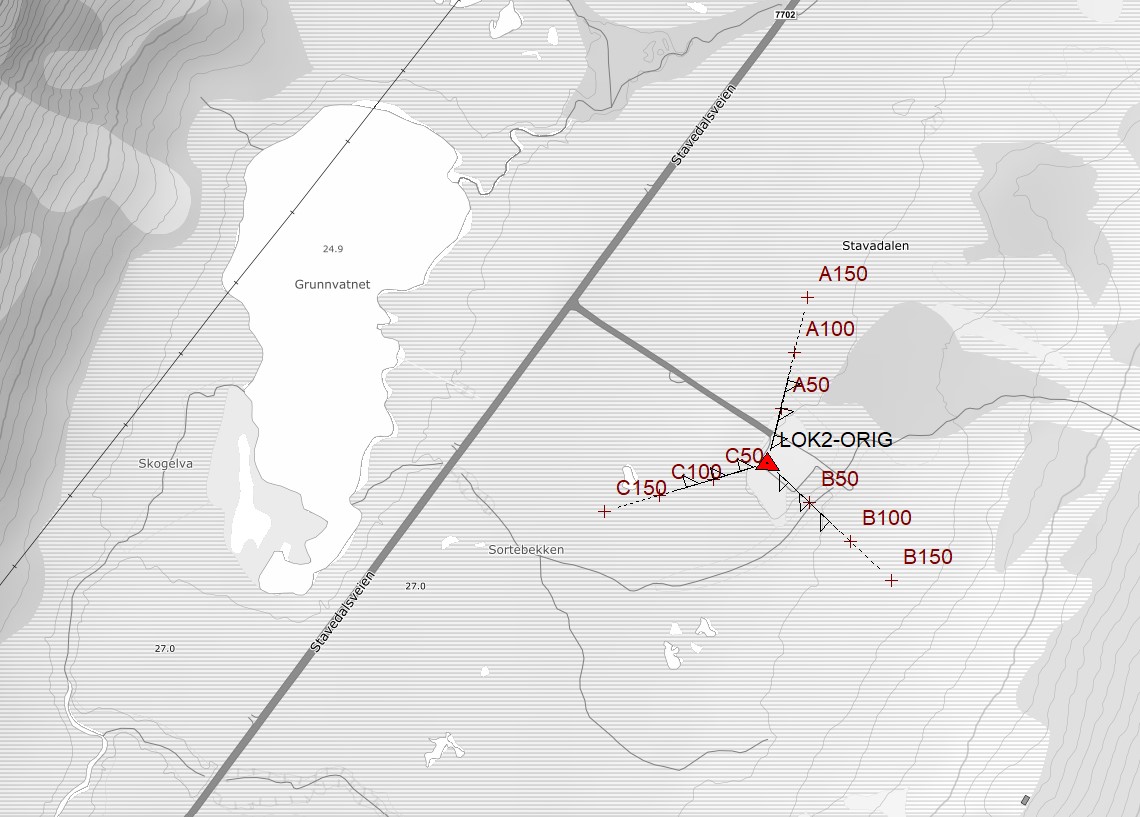


More detailed view of surveyed points.

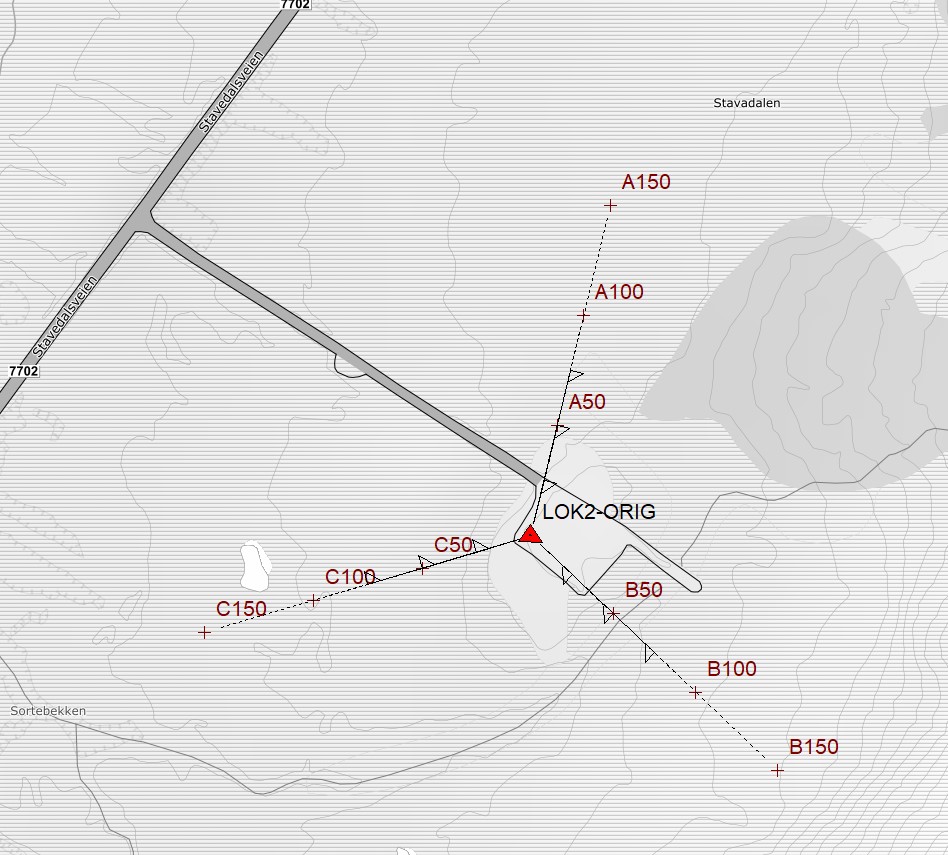
## Description of site 2

Location 2 is the parking lot at the end of a dirt road. Position N 69.2225°, Ø 15.9335°

Most of the testing will be conducted at the parking lot, or the surrounding area.

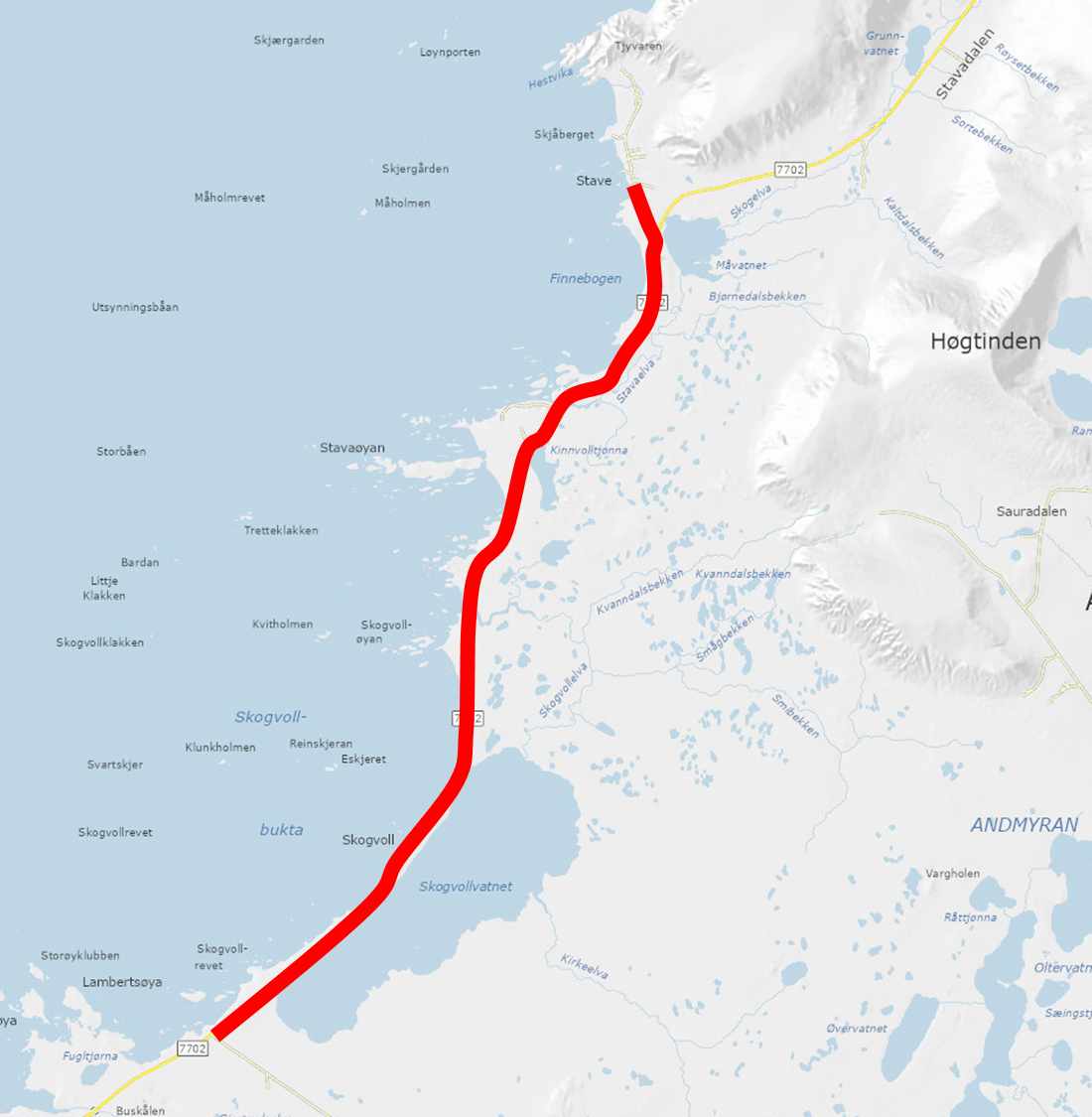


There will be certain marked position surrounding the area. 120 degrees apart, at 50, 100 and 150 meter in distance. Those positions can be found on the picture below:



## Description of motorcade route(s) on Andøya, site 3

The start is as Stave commynity house (69.212187 North ,15.858559 East), the small jammers can be used the intersection between county road 7702 and communal road “Oklveien” (69.14409 North, 15.75847 East). The picture below shows the stretch of road that can be used for the motorcade (Red line).



The road is quite narrow 5.1 meters with a speed limit of 80 km/h. The traffic volume is low with about 1000 vehicles per day. For some tests where reduced speed is need there will be a NPRA vehicle in front and at the back of motorcade. Communication to the vehicles will be via FM radio.