

*DESCRIPTION OF ATTRIBUTES - PRODUCT: **EFHK TERRAIN AREA2***

| Number | Attribute                   | Description  |
|--------|-----------------------------|--|
| 1      | Area of coverage            | Mandatory coverage of area2 (Area 2a, Annex 14 obstacle limitation surfaces and take-off flight path area)<br>Data available from EFHK TERRAIN AREA2 : 100% (see map)<br><br>Bounding box (EPSG 3067):<br>LL: 368000, 6672000<br>UL: 368000, 6708000<br>UR: 404000, 6708000<br>LR: 404000, 6672000 |
| 2      | Data originator             | National Land Survey of Finland  |
| 3      | Data source identifier      | National Land Survey of Finland  |
| 4      | Unit of measurement used    | Meters   |
| 5      | Post spacing                | Grid 2 M   |
| 6      | Horizontal reference system | ETRS-TM35FIN / EPSG 3067   |
| 7      | Horizontal resolution       | 1 M  |
| 8      | Horizontal accuracy         | < 1.0 M  |
| 9      | Horizontal confidence level | Not applicable   |
| 10     | Horizontal position         | Two dimensional, orthogonal, linear coordinates (North-oriented vertical coordinate axis – N;<br>East-oriented horizontal coordinate axis – E)<br>expressed in meters  |
| 11     | Elevation                   | Normal (orthogonal) distance of the point from the physical surface of the Earth to the surface of national geoid model FIN2005N00   |
| 12     | Elevation reference         | The elevation is interpolated to center of pixel from nearest ground classification laser points   |

|    |                           |  |                                      |  |  |  |  |
|----|---------------------------|--|--------------------------------------|--|--|--|--|
| 13 | Vertical reference system | N2000 / EPSG 3900<br>The difference between the EGM-96 model and the national geoid model FIN2005N00 can be neglected with respect to the required vertical accuracy of 3 m for Area 2 |                                      |  |  |  |  |
| 14 | Vertical resolution       | 0.01 M   |                                      |  |  |  |  |
| 15 | Vertical confidence level | 90%  |                                      |  |  |  |  |
| 16 | Surface type              | Terrain, mass points above ground  |                                      |  |  |  |  |
| 17 | Recorded surface          | Terrain, bare earth  |                                      |  |  |  |  |
| 18 | Penetration level         | -  |                                      |  |  |  |  |
| 19 | Known variations          | -  |                                      |  |  |  |  |
| 20 | Integrity                 | Area 2 essential<br>Original DTM data are kept within the system for digital data storage with limited access rights and data manipulation   |                                      |  |  |  |  |
| 21 | Format                    | GeoTIFF  |                                      |  |  |  |  |
| 22 | Compression               | lzw  |                                      |  |  |  |  |
| 23 | No data value             | -9999  |                                      |  |  |  |  |
| 24 | Tiled                     | Yes, 256x256   |                                      |  |  |  |  |
| 25 | Update interval           | 6 years  |                                      |  |  |  |  |
|    |                           | Map sheet set1   | Map sheet set2                       | Map sheet set3                                 | Map sheet set4   | Map sheet set5   | Map sheet set6   |
| 26 | Map sheets                | L4134H   | L4142G<br>L4144A<br>L4144C<br>L4144E | L4141H<br>L4143B<br>L4143D<br>L4143F<br>L4143H | L4141E<br>L4141G<br>L4143A<br>L4143C<br>L4143E<br>L4143G | L4132E<br>L4132F<br>L4132G<br>L4132H<br>L4134A<br>L4134B<br>L4134C<br>L4134D<br>L4134E<br>L4134F<br>L4134G | L4131F<br>L4131H<br>L4133B<br>L4133D<br>L4133F<br>L4133H |



