

*DESCRIPTION OF ATTRIBUTES - PRODUCT: **EFKS 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) Data available from EFKS TERRAIN AREA2: 100% (see map) Bounding box (EPSG 3067): LL: 584000, 7302000 UL: 584000, 7338000 UR: 620000, 7338000 LR: 620000, 7302000
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; East-oriented horizontal coordinate axis – E) 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 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 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
26	Map sheets	S5412H S5421G S5421H S5422G	S5234G S5234H S5244G S5412A S5412B S5412E S5422B S5422E S5422F	S5412C S5412D S5421D S5422D	S5234F S5243E S5243F S5244E	S5243G S5243H S5244H S5412F S5421A S5421B S5421C S5421E S5421F S5422A S5422C
27	Acquisition method	Data is based on KM2 (DTM, 2m grid) which has been produced on the basis of laser scanning point cloud Quality level I, scanning early spring and stereo workstation fine editing	Data is based on KM2 (DTM, 2m grid) which has been produced on the basis of laser scanning point cloud Quality level I, scanning early spring and stereo workstation fine editing	Data is based on KM2 (DTM, 2m grid) which has been produced on the basis of laser scanning point cloud Quality level I, scanning early spring and stereo workstation fine editing	Data is based on KM2 (DTM, 2m grid) which has been produced on the basis of laser scanning point cloud Quality level II summer with full vegetation and leaves, automatic computation	Data is based on KM2 (DTM, 2m grid) which has been produced on the basis of laser scanning point cloud Quality level I, scanning early spring and stereo workstation fine editing

28	Vertical accuracy	KM2:Quality level I RMSE < 0.49 M	KM2:Quality level I RMSE < 0.49 M	KM2:Quality level I RMSE < 0.49 M	KM2:Quality level II RMSE < 0.66 M	KM2:Quality level I RMSE <0.49 M
29	Validation date	19.06.2024	19.06.2024	19.06.2024	19.06.2024	19.06.2024
30	Date and time stamp	19.06.2024	19.06.2024	19.06.2024	19.06.2024	19.06.2024
31	Organization that have interacted with data and when	National Land Survey of Finland - 15.06.2012	National Land Survey of Finland - 16.06.2012	National Land Survey of Finland - 16.07.2012	National Land Survey of Finland - 14.07.2014	National Land Survey of Finland – 11.07.2021
31		Finavia Corporation - 19.06.2024	Finavia Corporation - 19.06.2024	Finavia Corporation - 19.06.2024	Finavia Corporation - 19.06.2024	Finavia Corporation - 19.06.2024

