

= Earth gravitational model 2008 added (install required): coordinates
= Button "Short" EGM 2008 map added

30/03/2022 V23.5.8

= Rectangle selection / Modify DTM from Geoid added (interpolation performed)
This feature will modify the DTM in memory over the selected area by subtracting on each point the geoid height from EGM map 2008 or 1996.
The geoid height is defined with a step of 0.1m. An interpolation of the geoid heights has been performed.

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ACTION CODES
http://data.atdi-group.com/doc/HTZ_API_ACTION_CODES.pdf
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01/04/2022 V23.5.8

= Action code 1004 and 1005: now use composite coverage dBm unit function

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BROADCAST + CCTV + MOBILE + PMSE
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PROPAGATION MODELS / CALCULATIONS
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26/02/2022 V23.5.6

= Profile window: Beam forming azimuth/tilt now displayed

24/03/2022 V23.5.8

= Sub path FINE transferred to Other Methods (Fine fast) and FINE enhanced renamed to FINE

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MOBILE
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01/03/2022 V23.5.7

= ITU-R M.1851 cossec V-pattern added (Vertical pattern)

22/03/2022 V23.5.8

= 4G / 5G UL/DL ratio: if set to 100, all the RBs are taken into account

31/03/2022 V23.5.8

= Menu: Multipoint / Vector line/path mobile <-> fixed stations P2P... (vector path / line option added)
KML files from <https://globe.adsbexchange.com/> web site can be converted to SHP then imported as Vector Path (.VEC)

This function does not take into account the station attached to the path.
With Vector path, Mobile elevation = antenna height + path segment elevation

01/04/2022 V23.5.8

= Menu: Multipoint / Vector line/path/point mobile <-> fixed stations P2P... (vector path / line /point options added)
Mobile Antenna orientation is computed as following: First Vector point, azimuth = 0°, second point, azimuth = angle between Vector point - 1 and current Vector point

SATELLITES

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01/03/2022 V23.5.7

= New version of ICS manager NoDB: possibility to select satellite antenna type (.GXT or 672 or 847)

11/03/2022 V23.5.8

= TLE satellites / Coverage new option: Percentage of satellites seen map

= TLE satellites: Elevation calculator added

17/03/2022 V23.5.8

= Menu: Satellite / Satellites to stations (IRF)... and Stations to satellites (IRF)... now support for Multi-channels