

NavPos Systems GmbH

About us

- NavPos Systems GmbH is an independent company that specialized in the area of satellite navigation related systems engineering, SW development and consultancy.
- Several years experience in GNSS based Algorithms and Systems (GPS, Glonass, Galileo, GBAS, SBAS,...).

Key Products & Services

- AVIGA® Service Volume Simulator
 - Software Tool which allows to investigate the performance of GNSS (GPS, Glonass, Galileo) and their Augmentations (GBAS, SBAS).
 - The AVIGA® tool is commercially available in form of SW Licences.
- GNSS Systems Analysis and Engineering Services

System development

- Development of an Independent GBAS Monitor (IGM) for the Deutsche Flugsicherung (German Air Navigation Services).

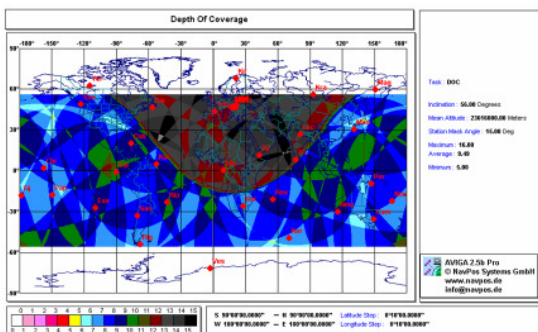
Projects related to Galileo

- GalTec - Galileo Technology Center - Galileo Services Performance Analysis and Prediction, DLR (German Aerospace Center) Project.
- GALILEA (GJU) - **GAL**ileo **L**ocal **E**lement **A**ugmentation System: Methods and Algorithms to improve service performance.
- Previous Galileo Project Participation:

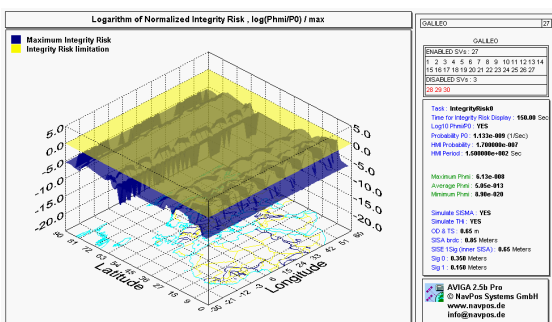
- Galileo Phase C0 (ESA): participation in tasks: GMS AIV Tools, GMS Tools Definition - End to End Performance Analysis Tool, IPF Engineering M&C.
- Galilei (EC): participation in Task C - Local Elements: Differential Galileo Algorithms and Task E - Interoperability: GPS and Galileo Interoperability and Performance Analysis for the Black Sea Region.



Independent GBAS Monitor (IGM)



**Example AVIGA® Output:
Depth of Coverage for GSS+5 LE Stations**



**Example AVIGA® Output:
Maximum Galileo Integrity Risk
(30 GSS, 0 outages), 3D-View**

Contact details : Mrs. Eduarda Blomenhofer
In Oberwiesen 16, 88682 Salem
Tel. +49-7556-966636 / +49-7553-9180-450
eduarda@navpos.de; info@navpos.de
www.navpos.de

GERMANY