

# InsideGNSS

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FEATURE

## 38 Galileo's Commercial Service

Testing GNSS High Accuracy and Authentication

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Seco-Granados, Javier Simón, and Reinhard Blasi

In the near future, the Galileo program will decide on the design and implementation of a Commercial Service for civil applications that provides high-accuracy positioning and signal authentication. A team of authors involved in the program describes the evolution of this service, its current design, and the results of tests of its capabilities using actual signals in space.



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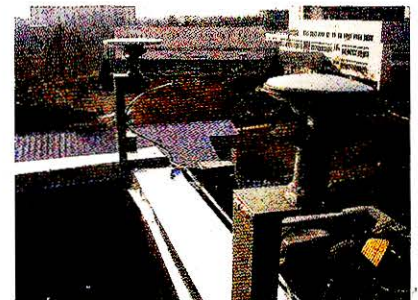
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## 50 Extending the Reach of SBAS

Some Aspects of EGNOS Performance in Ukraine  
Valeriy Konin and Fedir Shyshkov

Although the European Geostationary Navigation Overlay Service is primarily designed to provide benefits from a space-based augmentation system that serves the European Union nations, it actually covers regions outside that geographic area. Researchers tracking EGNOS signal availability in Ukraine conclude that its performance there is improving in robustness and reliability.



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