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FEATURE

42 Expanding EGNOS Horizons

in North Africa and the Middle East

Ugo Celestino, Antonella Di Fazio, Daniele Bettinelli, Vicente José Giner Herrera, Patrizio Vanni, and Francisco Javier de Blas

The EU's MEDUSA project is helping the countries of the Euromed region to exploit EGNOS services.



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Seriously Seeking a Galileo Service Operator
Peter Gutierrez

CDMA will soon supplement GLONASS's FDMA signal. In this article, the authors explore the selection of a ranging code ensemble and the modulation mode for the new signal. They propose Kerdock signature sets for ranging code ensembles and MSK-type modulation.

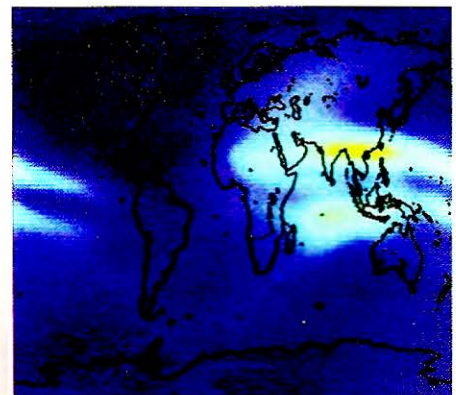
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How does a GNSS receiver estimate velocity?
Salvatore Gaglione with Mark Petovello

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Estimating Ionospheric Delay Using GPS/Galileo Signals in the E5 Band
Olivier Julien, Jean-Luc Issler, Laurent Lestarquit, and Lionel Ries

Building on previous research efforts, the authors present a novel technique to improve ionospheric modeling using various configurations of GPS and Galileo signals in the E5 band.



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