

# OmniSTAR®

Expect high performance

**OMNISTAR HIGH PERFORMANCE™ DGPS:**

**BRINGING DECIMETER**

**ACCURACY WITHIN REACH**

Introducing OmniSTAR High Performance (HP), our revolutionary new DGPS system that redefines the standard for differential correction. OmniSTAR has developed cost-effective, reliable real-time corrections enabling high-accuracy applications over entire continents without deploying local base stations. Our innovative HP signal provides five times the accuracy of standard DGPS for horizontal accuracy of ~ +/- 10-15 cms. HP means a wide-area solution offering previously unobtainable levels of accuracy, opening the door for high-precision uses such as auto steering, guidance and automation of agri-vehicles, increased hit probability for GIS/utilities, rough grading for construction applications, survey projects, oil exploration, aerial photogrammetry, and more. We just raised the bar on accuracy and reliability, but it's way within your reach. OmniSTAR HP. Others promise—we deliver.

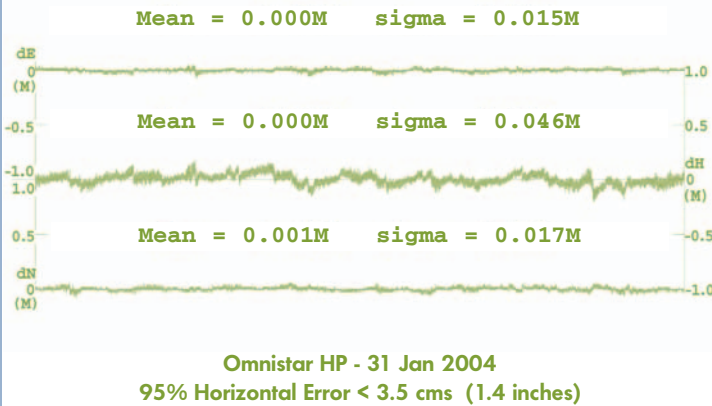


Contact us for more information | [www.omnistar.com](http://www.omnistar.com)

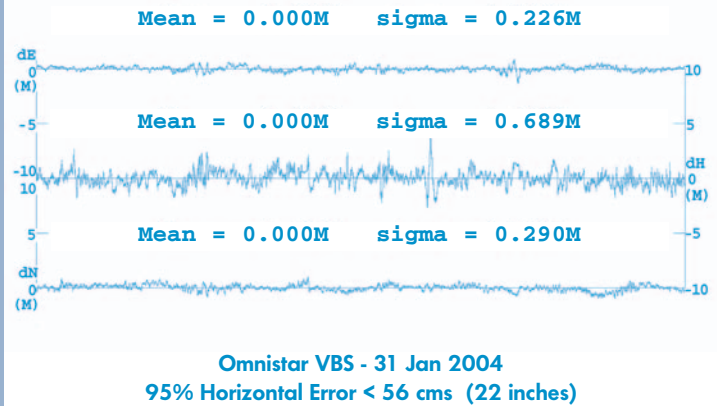
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24 HOURS

## OmniSTAR HP



## OmniSTAR VBS



CHARTS ARE BASED ON A 24 HOUR PERIOD.

# OmniSTAR - The Safe Choice

OmniSTAR, Inc. is the World's leading provider of satellite broadcast wide area GPS correction services. A member of the Fugro group of companies ([www.fugro.com](http://www.fugro.com)), and formerly a division of Fugro-Chance, OmniSTAR has unique expertise in providing wide area positioning and navigation solutions.

OmniSTAR currently offers two levels of service — **VBS (Virtual Base Station)** and **HP (High Performance)**.

**OmniSTAR VBS** is a single frequency L1 DGPS correction service. By deriving an RTCM differential correction message, calculated for a receiver's specific position, OmniSTAR VBS can provide consistent sub-meter horizontal positioning 24 hours a day and is available over virtually all of the World's major landmasses.

The new **OmniSTAR HP** service uses dual frequency (L1/L2) GPS data and carrier phase calculations to generate consistent real time horizontal accuracy of better than +/- 10 cms (4 inches) 24 hours a day. Many projects, requiring a higher level of accuracy than 'sub-meter' L1 DGPS, have previously used RTK techniques. By approaching RTK levels of accuracy with reduced hardware and logistic requirements OmniSTAR HP has the potential to revolutionize GPS operations in GIS, Survey and Agriculture.

OmniSTAR co-operates with many GPS manufacturers to implement VBS and HP capability into their product lines.

For more information please visit our website at [www.omnistar.com](http://www.omnistar.com) or contact us direct at 888/OMNISTAR (666-4782) or 713/785-5850

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