

International Symposium on GPS/GNSS 2008

» Abstract

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»Abstract

Serial NO.	358
Create DateTime	2008-06-09 21:38:16
Update DateTime	2008-06-09 21:38:16
Preferred Type of Presentation	Oral / reviewed
Category	Non-Satellite Positioning, Pseudolite and Indoor application
Title of the Paper	Development of Seamless Location Based Service and System using GPS signal
Abstract	<p>Many GPS applications for GPS Mobile Phones are expected to be provided, such as pedestrian navigation, mobile advertising, child's watch and emergency call with the location information.</p> <p>But the radio signal from the GPS satellites become very weak inside buildings and underground areas.</p> <p>Japan Aerospace Exploration Agency (JAXA) is proposing the IMES(Indoor Messaging System) to provide location information on such places.</p> <p>IMES uses GPS signal to carry the information message of location instead of the navigation message in the usual GPS signal. In this research, we developed the GPS signal transmitters for IMES, and through some experiments, shed light on effectiveness and problems of IMES.</p>

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