

Implementation Results and Service Examples of GPS-Tag for Indoor LBS and Message Service

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Abstract—In previous paper, our GPS-Tag design scheme has shown promise as an effective way to provide the location information and the supplemental service information at the same time. Conventional ground type GPS application to provide both position information and service message have shown its limitation in service speed and information type so our GPS-Tag system was designed to have better transmission performance and flexibility in service message type [1]. In this paper, Implementation results about GPS-Tag hardware and Control platform will be discussed and message service examples of GPS-Tag system will be offered for indoor LBS (Location Based Service) and message service.

Keyword—LBS, Pseudolites, Indoors



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