

CORS Management Reform in Korea

Young-Jin LEE, Korea

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SUMMARY

Newly, Ministry of Land, Transport and Maritime Affairs(MLTM), KOREA has endeavour to develop a next generation control stations based on CORS technology in order to support a variety of surveying and positioning application ranging from decimetre level to few millimetre accuracy. This can be achieved by integrating existing CORS networks and upgrading their functionalities. As the first phase, two CORS network(e.g., NGII and former MOGAHA) consisting of 44 stations, were integrated in May 2008. This CORS network which is a new surveying infrastructure including cadastral reform applications, can be achieved by reducing CORS spacing up to 50 km. The second phase of the development of MLTM will upgrade the integrated network (consisting total of 61 stations) with another CORS networks(former MOMAF), the network can be support a variety of post-processing or real-time positioning applications including intelligent transportation systems(ITS) services in land or sea. And, future reform plan of Korean CORS management will be outlined.

CONTACT:

Mr. Young-Jin Lee

Title: Prof.

Organization: Kyungil University

Tel.: + 82-53-850-7313

Email: yjlee@kiu.ac.kr

Country: Korea, Republic of

Authors: 1: Prof. Lee, Young-Jin (Korea, Republic of) – Email: yjlee@kiu.ac.kr