

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

Reply Serial No.

HPLB(PL)084

Question Serial No.

1753

Head: 91 Lands Department

Subhead(No. & title):

Programme: (2) Survey and Mapping

Controlling Officer: Director of Lands

Director of Bureau: Secretary for Housing, Planning and Lands

Question : Concerning the Digital Map and Land Record Data Dissemination System and the territory-wide network of Global Positioning System reference stations, will the Government work together with other bureaux/departments (such as the Office of the Government Chief Information Officer and the Transport Department etc.) in examining how to make use of the data generated by the above two systems to develop practicable application solutions to promote the use of positioning technology within the Government, in order to enhance the efficiency of government departments? If yes, what are the details of the proposal and what is the amount of expenditure involved?

Asked by: Hon. SIN Chung-kai

Reply:

We have begun to develop the Digital Map and Land Records Data Dissemination System (DDS) as the platform for data exchange among government departments. DDS will utilize the government information framework to collect the geospatial data from individual departments and disseminate to user departments after processing and integrating the data collected. We have also been promoting inter-departmental cooperation in data-sharing to further improve the capability of departmental geographical information systems. The estimated cost of DDS is \$9.76 million.

The project cost to establish 12 Satellite Positioning Reference Stations for land surveying work is estimated to be \$14.3 million. Satellite Positioning is a new method which can improve the efficiency of high precision (in terms of centimeter level) land surveying activities. We also provide the Reference Station data to other government departments for carrying out engineering surveying and enhancing their efficiency. Concurrently, we are promoting the use of Reference Station data to other government departments for non-land surveying applications to meet their practical requirements. To give an example, we have been providing Hong Kong Observatory with Reference Station data for determining the water vapour content in the atmosphere for the purpose of weather forecast.

Signature _____

Name in block letters PATRICK L C LAU

Post Title Director of Lands

Date 6 April 2005

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