

## Form 1 Ministry of the Interior's Basic Control Measurement Results Data Application

Date of filling up:

Applicant:	Depositor:	Depositor's ID Card No.:
Address: □□□		
Telephone No.:		
Email address:		
Categorized Data to be applied	1.The data of GPS measurement results <input type="checkbox"/> (1)Data regarding raw data files and exchange format received in Satellite Tracking Station everyday. (Form A is applicable) <input type="checkbox"/> (2)Data regarding the absolute coordinates of Satellite Tracking Station and the first-class, the second-class satellite control points and the first-class level point, 2-degree transverse Mercator projector coordinates and standard deviation. (Form B is applicable) <input type="checkbox"/> (3)Confidential data regarding the absolute coordinates of Satellite Tracking Station and the first-class, the second-class satellite control points, 2-degree transverse Mercator projector coordinates and standard deviation. (Form B is applicable)	The purpose of applying for data:
	<input type="checkbox"/> 2.Data of height measurement results (Form C is applicable)	
	<input type="checkbox"/> 3.Data of gravity measurement results (Form C is applicable)	
	<input type="checkbox"/> 4.Taiwan Regional Datum and Coordinates System Conversion Calculation Program	
	<input type="checkbox"/> 5.Taiwan Regional Geoid undulation Calculation Program	

### Form A

Name of Satellite Tracking Station	Data format	Data receiving time
<input type="checkbox"/> Yangmingshan Station <input type="checkbox"/> Peikang Station <input type="checkbox"/> Kending Station <input type="checkbox"/> Taimali Station <input type="checkbox"/> Fenglin Station <input type="checkbox"/> Jinmen station <input type="checkbox"/> Mazu Station <input type="checkbox"/> Dongsha Station (Confidential)	<input type="checkbox"/> Exchange data file (rinex) <input type="checkbox"/> Raw data file (raw) <input type="checkbox"/> Broadcast ephemeris file (navigate)	From To

Form B

Name of Satellite Tracking Station	Name of point (Number of Point)	Before and After 921	Data categories
<input type="checkbox"/> Yangmingshan Station <input type="checkbox"/> Peikang Station <input type="checkbox"/> Kending Station <input type="checkbox"/> Taimali Station <input type="checkbox"/> Fenglin Station <input type="checkbox"/> Jinmen station <input type="checkbox"/> Mazu Station <input type="checkbox"/> Dongsha Station (Confidential)		<input type="checkbox"/> Before 921 <input type="checkbox"/> After 921	<input type="checkbox"/> Cartesian coordinates (X,Y,Z) <input type="checkbox"/> Map Datum (latitude, longitude, height) <input type="checkbox"/> 2-degree transverse Mercator projector coordinates (vertical coordinate, horizontal coordinate)

Form C

Name of point (number of point)

Explanation:

1. There are three categories of GPS measurement results:
  - (1) To apply for the 1<sup>st</sup> category, is required to check data category to be applied, the purpose of applying for data and fill up Form A (check the name of satellite tracking station, the data format and the time of receiving data). After completing, apply to Ministry of the Interior with this application and retrieve via Internet according to the set account and deadline. If the applied data exceed the scope that Internet supplies (within 6 months before the date of application), which will be supplied with CD and some fees will be charged.
  - (2) To apply for the 2<sup>nd</sup> category, is required to check data category to be applied, the purpose of applying for data and fill up Form B. To apply the data regarding the satellite control points or first class level point GPS measurement results, is required to list in detailed every necessary satellite control point or the name and number of first class level point in the column of "Name (number) of point", for instance: Cising Mt. (N001). After completing, apply to Ministry of the Interior with this application, and the data will be supplied via Internet.

- (3) To apply for the 3<sup>rd</sup> category, is required to check data category to be applied, the purpose of applying for data and fill up Form B. To apply the data regarding the satellite control points, is required to list in detailed every necessary t or the name and number of satellite control point in the column of “Name (number) of point”, for instance: Cising Mt. (N001). After completing, apply to Ministry of the Interior with this application, and the data will be supplied after approval of Ministry of National Defense.
2. To apply for the data regarding gravity measurement results, is required to describe the purpose of applying for data and fill up Form C, and list in detailed every name and number to applied in the column of “Name (number) of point”, for instance: Cising Mt. (N001). After completing, apply to Ministry of the Interior with this application, and the data will be supplied via Internet.
3. To apply for the data regarding height measurement results, is required to describe the purpose of applying for data and fill up Form C, and list in detailed every name and number to applied in the column of “Name (number) of point”, for instance: Cising Mt. (N001). After completing, apply to Ministry of the Interior with this application, and the data will be supplied via Internet.
4. To apply for the Taiwan Regional Datum and Coordinates System Conversion Calculation Program, and Taiwan Regional Geoid Undulation Calculation Program is required to describe the purpose of applying for data, the depository, the depository’s name, ID No., address, telephone number and email address, and apply to this Ministry, which will be supplied through Internet.
5. The conversion accuracy of “Taiwan Regional Datum and Coordinates System Conversion Calculation Program” is about 30cm, which is only applicable to such low accurate measurement as selecting points, survey and drawing a sketch map, other than the conversion of high accurate measurement.
6. The data of confidential basic control measurement results are limited to provide for organization, school and publicly operated institution; on the application, you should check the data category to be applied, the name of point, the purpose of applying for data, the depository, the depository’s name, ID No. The data will be supplied after the application is transferred by this Ministry and with approval of Ministry of National Defense. The confidential data of basic control measurement results shall be kept by a designated person, and included in the transferred items, and should not copy or deliver to others for the purpose of use, nor bring abroad without the consent of Ministry of National Defense.