

Land Survey Authority Circular No. 5/97

Submission of Survey Information in Digital Form

Computer has been widely used by most authorized land surveyors for the preparation of land boundary plans and survey record plans. In processing the plans deposited by authorized land surveyors under the Land Survey Ordinance, survey information in digital form will greatly help expedite the process if it is made available to the Legislation Section. It will therefore be very much appreciated if authorized land surveyors can submit digital survey data at the same time when they submit the plans.

The digital survey data to be submitted to the Legislation Section should be stored on a floppy disk in ASCII file format containing coordinates of traverse stations, boundary points and prominent surveyed features. The coordinates of each point are to be stored in the form of a character string in the following format:-

Point name>,<Northing coordinate>,<Easting coordinate>,<

The commas are essential as they are separators of the data fields. For easy identification, it is recommended to use the respective survey record plan number as the file name. A sample format of the digital survey data is given at the Appendix for reference.

SAMPLE OF DIGITAL SURVEY DATAI. Format of file name:

<ALS's registration number>_<Plan number as prepared by ALS>.cod

for example:-

99_1234.cod

II. Format of digital survey data:

<Point name>,<Northing coordinates>,<Easting coordinates>,

for example:-

A,816233.529,833612.616,
B,816230.594,833616.908,
C,816222.816,833611.629,
D,816216.346,833607.239,
E,816219.268,833602.960,
F,816225.745,833607.346,
BSA,816233.522,833612.615,
BSB,816230.602,833616.903,
BSD,816219.262,833602.961,
PSM1,816237.678,833605.99,
PSM2,816207.63,833608.673,
IS12,816206.595,833609.081,
IS3,816220.815,833619.102,
IS6,816219.282,833600.731,
IS7,816223.942,833593.950,
IS9,816242.295,833566.939,
LP10,816239.185,833608.980,
LP11,816230.032,833621.155,
LP2,816227.489,833624.333,
LP4,816214.989,833614.535,
LP5,816217.781,833602.915,
LP8,816230.098,833584.993,
ONail1,816234.964,833630.193,
OIS2,16190.726,833600.206,
OIS3,816236.942,33612.517,
OIS4,816265.294,833567.833,
OIS5,816252.496,833555.016,
OIS6,816211.614,833611.889,
101,816237.083,833623.362,