



Information Paper of Hong Kong Digital Map

Introduction

The Digital Maps covering the whole territory of Hong Kong are available for sale to the public from Map Publications Centre, Hong Kong. The Digital Maps are continuously updated by SMO. Except Digital Aerial Photos which are stored in individual copy basis, all map details are stored as continuous and seamless map base. Coordinates of the Digital Maps are in Hong Kong 1980 Grid, and heights are in metres above the Hong Kong Principal Datum.

Types of Product	Product Name	Scale	Data Format					Coverage (Sheet) ^{#1}	
			E00	ASCII	Microstation DGN	AutoCAD			TIFF
						DXF	DWG		
Digital Topographic Map	B1000	1:1000	✓	NA	✓	✓	✓	NA	3,258
	B5000	1:5000	✓	NA	✓	✓	✓	NA	190
	B10000	1:10000	✓	NA	✓	✓	✓	✓ ^{#3}	59
	B20000	1:20000	✓	NA	✓	✓	✓	✓ ^{#3}	18
Digital Land Boundary Map	C1000	1:1000	✓	NA	✓	✓	✓	NA	4,679
Geo-Reference Database	B61000 Building Name and Address		NA	✓	NA	NA	NA	NA	56
	S61000 Site Polygon		✓	✓	✓	✓	✓	NA	47
	R61000 Road Centre Line		✓	✓	✓	✓	✓	NA	46
Digital Orthophoto	DOP5000	1:5000	DOP5000 / DAP only available in TIFF						190
Digital Aerial Photo	DAP								
GeoCommunity Database	GeoCom		GeoCom is only available in MS Excel and MS Access format						18 ^{#2}

Note:

E00 = ArcInfo Export

ASCII = Delimited Text

DGN = Microstation for SE or above

DXF = AutoCAD 2000 and above

DWG = AutoCAD 2000 and above

TIFF = Tagged-Image File Format (Colour, except some DAP are provided in Black & White only)

NA = Not available

#1 – Sheet No. varies from time to time, please refer to Sheet Index for latest coverage

#2 – Available in District based on the 18 District Council Electoral Boundaries, namely:

Central & Western, Wan Chai, Eastern, Southern, Yau Tsim Mong, Sham Shui Po, Kowloon City, Wong Tai Sin, Kwun Tong, Tsuen Wan, Tuen Mun, Yuen Long, North, Tai Po, Sai Kung, Sha Tin, Kwai Tsing and Islands

#3 – The TIFF format of B10000 and B20000 are stored by LZW Data Compression

Data Dictionary

Data Dictionary summarises the data structure and related attributes of each Digital Topographic Map and Digital Land Boundary Map according to various data formats, the corresponding symbology settings and the description of feature tables as well. It facilitates development of application programs and improves understanding of the data. Data Dictionary of B1000, B5000, B10000, B20000 and C1000 in ArcInfo (E00), Microstation (DGN) and AutoCad (DWG/DXF) formats are available for sale.

Types of Data Dictionary:	Revision Date		
	ArcInfo Export (E00)	DGN	DWG/DXF
B1000	June 2008	June 2008	June 2008
B5000	September 2011	September 2011	September 2011
B10000	September 2010	September 2010	September 2010
B20000	September 2010	September 2010	September 2010
C1000	January 2008	January 2008	January 2008

Metadata

Metadata is the information about data which helps the prospective users to decide what data is available, how good the data is and where to obtain the data. Metadata file of Digital Topographic Map (B1000, B5000, B10000 & B20000) and Digital Land Boundary (C1000) could be viewed from SMO web page at <http://www.hkmapmeta.gov.hk>

Licence to Use Digital Maps

A non-exclusive and non-transferable Licence will be issued to customer after purchasing Digital Maps. It permits the licensee to use the Map from the date as set out in the Licence. If the licensee ceases using the Digital Map, the licensee should confirm to the Government's Representative in writing that the Digital Map has been erased from the computer configuration.

Copyright

The Government of HKSAR remains the owner of Digital Map at all times. Prior written consent must be obtained from the Government before incorporating the Map in any product for distribution to any third party, with or without charges.

Sample Map for Testing Computer System

Sample Map of each product is available free of charge at SMO/LIC. Request can be submitted through the Lands Department's web site at http://www.landsd.gov.hk/mapping/en/digital_map/sampleddata.htm .

Sample Map (except Digital Orthophoto, Digital Aerial Photo & GeoCom) to Academics for Teaching Purpose

Sample Map to academics for teaching purpose are available on request at a nominal administrative fee. Sample Data contains Road, Building, Relief, and Hydro Features, and are one to two years outdated. Limits for supplying the Sample Data are 12 sheets for B1000 and C1000, 1 Sheet for B5000, B10000, B20000 and G1000. Request can be made by completing the Digital Map Order Form with support by a letter from the School Principal or Department Head of post-secondary education institute.

Purchase Map

Please login Hong Kong Map Service Web Site : www.hkmapservice.gov.hk , providing one-stop e-Ordering, e-Payment and e-Delivery of Government Digital Map **OR** complete and sign the 「Digital Map Order Form」 and return it to Map Publications Centre, Hong Kong for processing. When the map is ready, a Notice of Payment will be issued to the customer for settling payment and collection at the address below. The Order Form can be obtained from the Map Publications Centre, Hong Kong or downloaded from Lands Department's web site at http://www.landsd.gov.hk/mapping/en/digital_map/purchase.htm .

Enquiries on the Purchase of Digital Map:

Address:

*Map Publications Centre, Hong Kong
Survey and Mapping Office
Lands Department
23/F North Point Government Offices
333 Java Road, North Point, Hong Kong*

Tel: (852) 2231 3187

Fax: (852) 2116 0774

Email: smosale1@landsd.gov.hk

Web Site of SMO, Lands Department:

www.landsd.gov.hk/mapping/welcome.htm

Related Information Leaflets / Forms

- ☞ Digital Map Order Form with Ordering Guideline
- ☞ Application Form for Changes of Computer Terminal
- ☞ Price List of Hong Kong Digital Map Product
- ☞ Map Features of B1000, B5000, B10000, B20000, C1000, G1000 and GeoCom
- ☞ Sheet Index of B1000, B5000, B10000, B20000, C1000, G1000, DOP5000 and GeoCom (with revision date, except for B1000, C1000, GeoCom)
- ☞ Revision Date of B1000 and C1000
- ☞ Data File Size of B1000, B5000, B10000, B20000, C1000, G1000, DOP5000/ DAP and GeoCom
- ☞ Guidelines for Request of Sample Map for Teaching Purpose