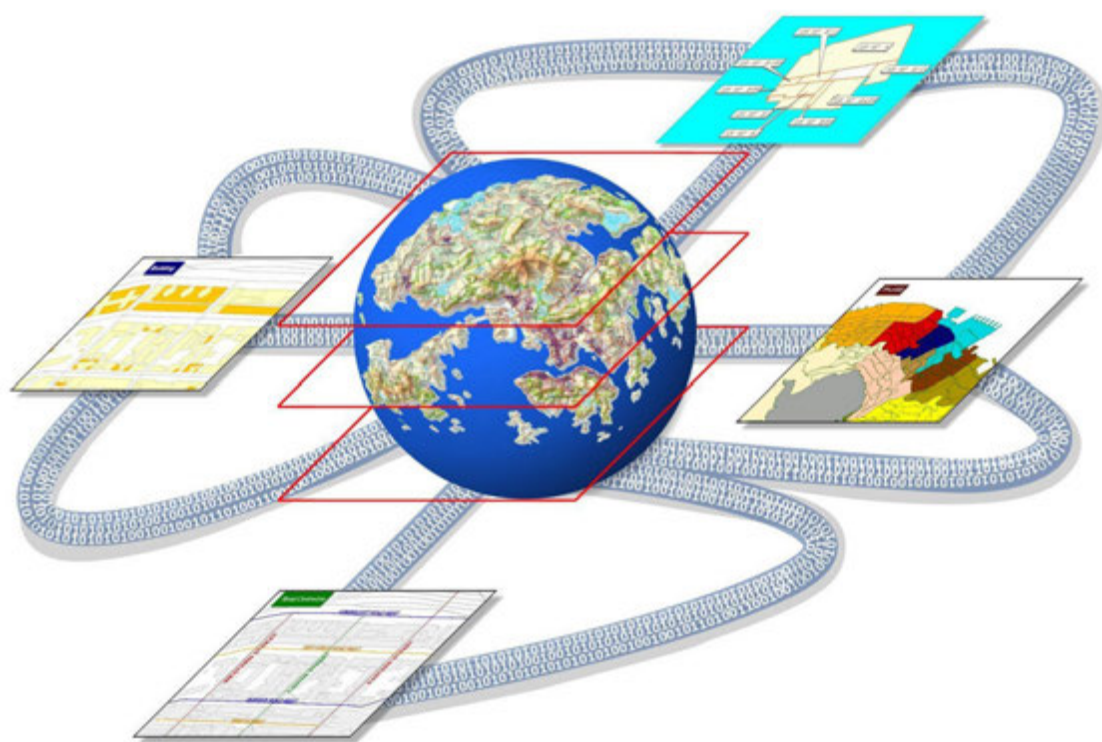# Implementation of Data Alignment Measures for the Alignment of Planning, Lands and Public Works Data

Final Report (Volume 2 of 3)
Practice Notes

March 2004

The Government of the Hong Kong Special Administrative Region Housing, Planning and Lands Bureau

Azeus Systems Limited

Volume Index

Volume 1 – Main Text

Volume 2 – Practice Notes

      2A – Specification and Explanatory Notes of Slope CSU

      2B – Specification and Explanatory Notes of Building CSU

      2C – Specification and Explanatory Notes of Lot CSU

      2D – Specification and Explanatory Notes of Road Centreline CSU

      2E – Specification and Explanatory Notes of TPU/SB CSU

      2F – Inventory of GIS Maps

      2G – Maintenance of File Formats Standard

      2H – Maintenance of Metadata

      2I – Data Custodianship and License Agreement

Volume 3 – Draft Policy Documents and Appendices for Main Text

      3A – Draft Policy Documents

      3B – Appendices for Main Text

List of Abbreviations

A&A	Alteration & Addition
ACPC	Administrative Computer Projects Committee
AFCD	Agriculture, Fisheries and Conservation Department
ALS	Authorized Land Surveyor
ArchSD	Architectural Services Department
ASTM	American Society for Testing and Materials
B/D	Government Bureaux/Departments
BCIS	Building Condition Information System
BD	Buildings Department
BDIS	Building Development Information System
BDRIS	Building Dilapidation and Rehabilitation Information System
BMS	Basic Mapping System
BP	Business Partners
C&SD	Census and Statistics Department
CAD	Computer Aided Drawing
CC	Certificate of Compliance
CCGO	Central Cyber Government Office
CED	Civil Engineering Department
CEDes	Current Environment Description
CF	Compatibility of File Format
CIS	Cadastral Information System
CITB	Commerce, Industry and Technology Bureau
CLIS	Computerized Land Information System
CSRLP	Computerized Slope Registration and Location Plan System
CSU	Common Spatial Unit
CSU ID	Common Spatial Unit Identifier
CSWP	CAD Standard for Works Projects
CTS	Comprehensive Transport System
DAF	Data Alignment Framework
DAM	Data Alignment Measures
DAS	Data Alignment Strategy
DBF	DBase IV
DC	District Council
DCCA	District Council Constituency Area
DCT	Data Conversion Tool
DD	Data Definition
DDS	Data Dissemination System
DF	Data in Digital Format
DGN	Design File
DITP	Departmental IT Plan
DLO	District Lands Office
DMS	Digital Mapping System

DO	District Office
DPP	Department Portal Programme
DQ	Data Quality
DSD	Drainage Services Department
DSO	District Survey Office
DSU	Departmental Spatial Unit
DT	Disturb Terrain
DWG	Drawing File
DXF	Drawing Exchange File
E00	ARC Export File Format
EI	Engineering Inspection
EMSD	Electrical and Mechanical Services Department
ESD	Electronic Services Delivery
ETWB	Environment, Transport and Works Bureau
FC	Finance Committee
FGDC	Federal Geographic Data Committee
FS	Feasibility Study
FSD	Fire Services Department
GEO	Geotechnical Engineering Office
Geo. Ref. No.	Georeference Number
GFA	Gross Floor Area
GIH	Geospatial Information Hub
GIRS	Geographic Information Retrieval System
GIS	Geographic Information System
HA	Housing Authority
HD	Housing Department
HKPF	Hong Kong Police Force
HKSARG	The Government of the Hong Kong Special Administrative Region
HOS	Home Ownership Scheme
HPLB	Housing, Planning and Lands Bureau
HS	Housing Society
HyD	Highways Department
IF	Interoperability Framework
IFCG	Interoperability Framework Co-ordination Group
IRIS	Integrated Registration Information System
ISO	International Standardization Organisation
ITMU	Information Technology Management Unit
ITSD	Information Technology Services Department
IVS	Interim Valuation System
KRA	Key Result Area of 2001 Digital 21 Strategy
LandsD	Lands Department
LAO	Land Administration Office
LAS	Lands Authority (LandsD is the authority on land-related issue)
LDH	Land Data Hub
LIC	Lands Information Centre
LPM	Landslip Preventive Measures

LR	Land Registry
LRS	Land Registration System
LWB	Lands and Works Branch (now the ETWB)
MCS	Metadata Catalogue System
MDB	Memorial Day Book
MID	MapInfo Data
MIF	MapInfo Interchange Format
MOE	Means of Escape
MPD	Mean Principal Datum
MR	Maintenance Responsibility
ND	Natural Terrain Defense Measure
NGDF	National Geospatial Data Framework
NS	Natural Terrain Stabilization Measure
NSDI	National Spatial Data Infrastructure
NTEH	New Territories Exempted House
OGC	Open GIS Consortium
OO	Object-oriented
OP	Occupation Permit
PAH	Project Administration Handbook
PD	Participating Department
PDPO	Personal Data (Privacy) Ordinance
PELBTC	Planning, Environment and Lands Branch Technical Circular
PlanD	Planning Department
PLBITC	Planning and Lands Branch Information Technology Committee
PLW Data	Planning, Lands and Public Works Data
PLW Study	Consultancy Study on the Alignment of Planning, Lands and Public Works Data
PMS	Property Management System
PPU	Primary Planning Unit
PRN	Property Reference Number
PSPS	Private Sector Participation Scheme
PVS	Planning, Vision and Strategy
PWD	Public Works Department
RD	Related Departments
RDMS	Road Data Maintenance System
RFI	Request For Information
RMA	Recommended Mode of Adoption
RVD	Rating and Valuation Department
SAR	Situation Analysis Review
SB	Street Block
SCOPES	Shared Common Platform for Electronic Services
SDR	Sub-division Registers
SIS	Slope Information System
SMO	Survey and Mapping Office
SMRIS	Slope Maintenance Responsibility Information System
SPICA	Shared Platform for Internet Content and Applications

SPU	Secondary Planning Unit
TAC	Technical Assurance Coordinator
TC	Technical Circular
TCW	Technical Circular (Works) of ETWB
TD	Transport Department
TDD	Territory Development Department
TF	Task Force
TIS	Transport Information System
TPEDM	Territorial Population and Employment Distribution Model
TPIS	Town Planning Information System
TPO	Town Planning Ordinance
TPU	Tertiary Planning Unit
TT	Turnaround Time
UAC	User Assurance Coordinator
UR	User Requirements
VC	Village Cluster
WB	Works Bureau
WBTC	Works Branch Technical Circulars. Works Bureau Technical Circulars, or ETWB Technical Circular (Works)
WG	Working Group
WGPD	Working Group of Population Distribution
WSD	Water Supplies Department