

DIGITAL COMPILATION



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Digital Compilation

Digital compilation is a process to prepare the topographic map data files by compiling preliminary topographic data files which were produced by digital plotting system.

Work flow of Digital Compilation

1. Preparation works for Digital Compilation
2. Execution of Digital Compilation
3. Execution of Field completion data
4. Inspection of quality

1. Preparation works for Digital Compilation

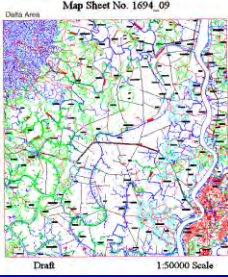
- (1) Collection of required Data & Information
- (2) Data Classification
- (3) Marginal Information & Symbolization
- (4) Data Processing & Data Cleaning

(1) Collection of required data and information

Aerial photos and Orthophoto images




Field identification map And Data



No.	Name	Lat.	Long.	Elevation
1	[Illegible]	18.4158	84.7304	182750
2	[Illegible]	18.4170	84.7304	182750
3	[Illegible]	18.4174	84.6947	182695
4	[Illegible]	18.4151	84.7494	184913
5	[Illegible]	18.4482	84.6973	182679
6	[Illegible]	18.4481	84.6965	182658
7	[Illegible]	18.4410	84.6964	182634
8	[Illegible]	18.4321	84.7045	184913
9	[Illegible]	18.4326	84.7045	185004
10	[Illegible]	18.4171	84.7304	184774
11	[Illegible]	18.4195	84.7106	184197
12	[Illegible]	18.5387	84.6977	182693
13	[Illegible]	18.5390	84.6971	182674
14	[Illegible]	18.5441	84.6847	182691
15	[Illegible]	18.5418	84.6951	182691
16	[Illegible]	18.5387	84.6969	182671
17	[Illegible]	18.5342	84.6969	182693
18	[Illegible]	18.5352	84.6951	182691
19	[Illegible]	18.5427	84.6977	182671
20	[Illegible]	18.5387	84.6969	182691
21	[Illegible]	18.5379	84.7179	182679
22	[Illegible]	18.5438	84.7047	182696
23	[Illegible]	18.5390	84.6971	182691
24	[Illegible]	18.5400	84.6979	182694
25	[Illegible]	18.5402	84.7042	182671
26	[Illegible]	18.5390	84.6967	182671

Draft 1:50000 Scale

Make insertion or deletion in accordance with Field verification results.



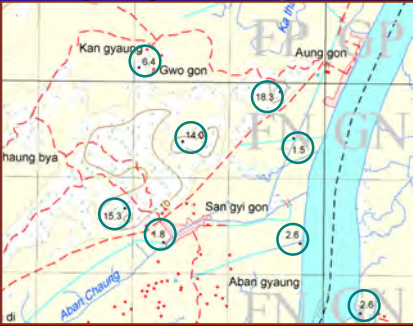
3. Inspection of quality

The completed topographic map data files were checked Based on the specification for final product

- (1) Logical consistency
- (2) Positional accuracy
- (3) Temporal accuracy
- (4) Carto proof checking

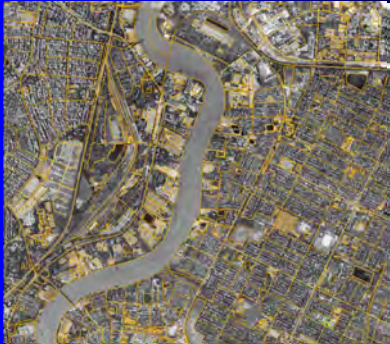
(1) Logical consistency

Checking of contour lines are properly adjust to the spot height



(2) Positional accuracy

Line composed of topographic features should be coincided with superimposing orthophoto image.

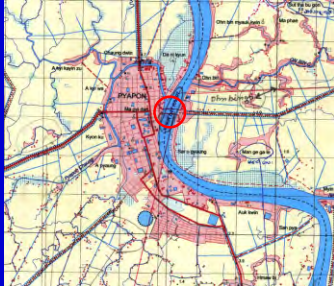


(3) Temporal accuracy

Updated material and information should be applied.


Topographic data should be acquired by aerial photo taken in 2002.

Under construction information should be confirm at the time of field completion



4. Cartographic Proof Checking

Inspection of Topographic map data according to Cartographic point of view



No.	Location No.	Notes
1	19	Check the vegetation (Plantation)
2	20	"
3	21	"
4	22	"
5	40	Plantation (1)
6	41	Plantation (2)
7	42	Check the plantation 1
8	100001	Vegetation
9	105430	Vegetation
10	112499	Forest
11	150300	road or river?
12	160012	Vegetation
13	190167	Vegetation
14	050200	Forest
15		

Location & Location No.

