

SECTION ONE

POSITIONING

1.0 INTRODUCTION

1.1 EXISTING GEODETIC NETWORKS

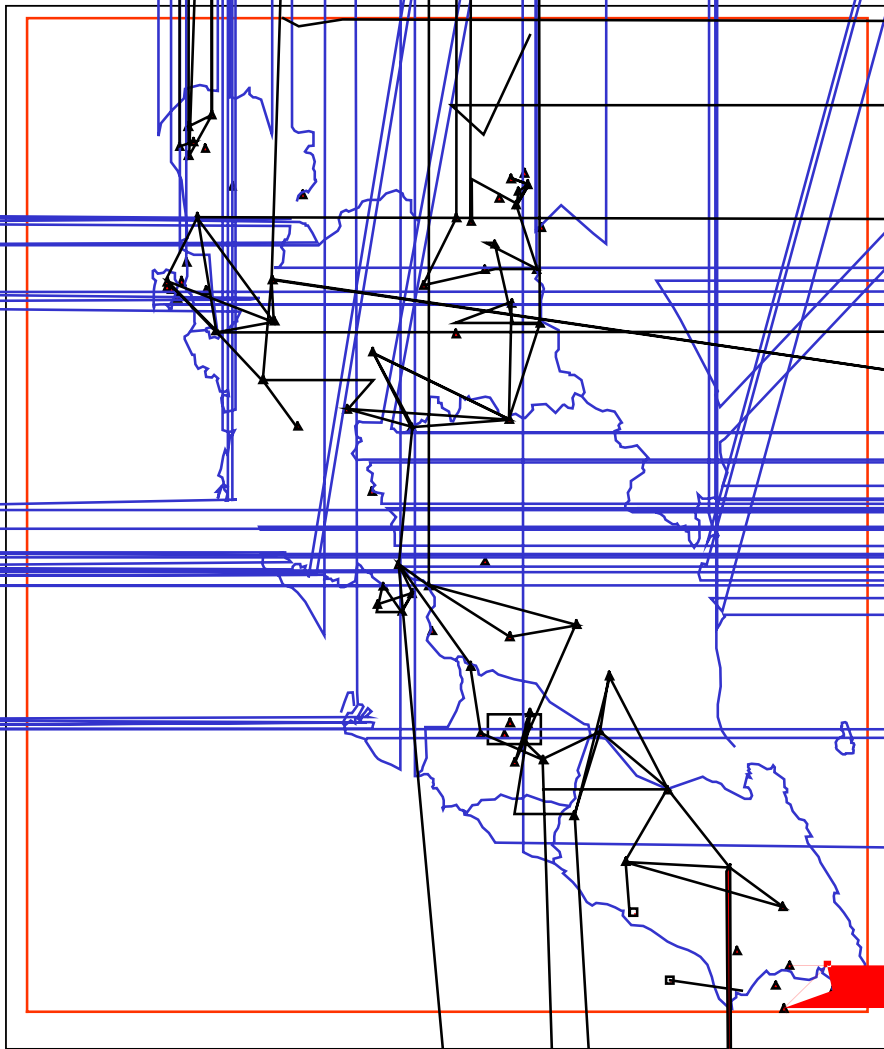


Table 1.1

No.	Parameter	MRT	BT68

Table 1.2

No.	Parameter	Peninsular Malaysia	Sabah & Sarawak
		○ ○	○ ○
		○ ○	○ ○
		○	○

1.1.2 East Malaysia Geodetic Network

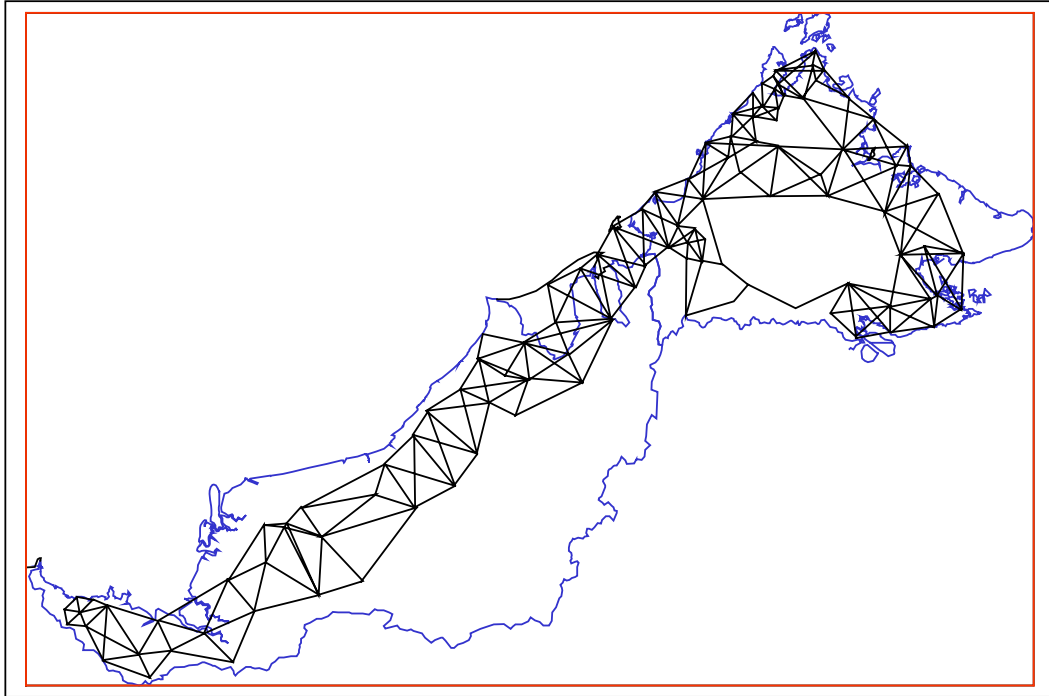


Figure 1.2

1.2 OTHER GEODETIC NETWORKS

1.2.1 South East Asia Datum

1.2.2 Doppler Observations

1.3 EXISTING GPS NETWORKS

1.3.1 Peninsular Malaysia GPS Campaign

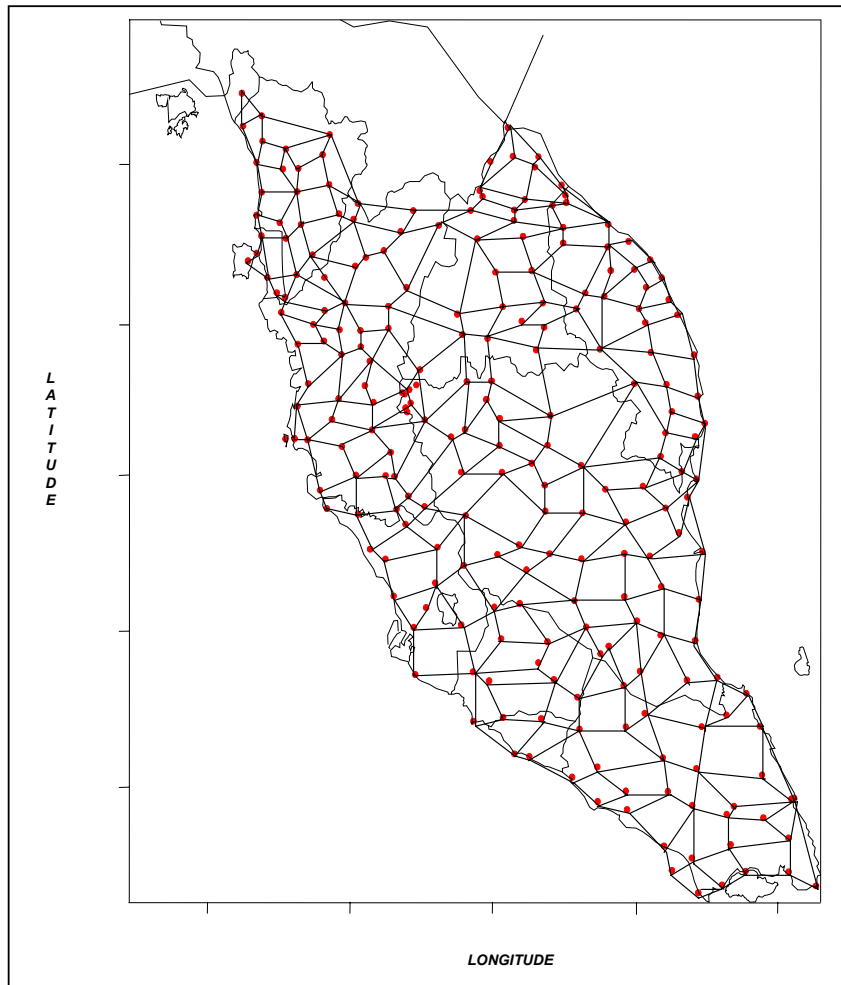


Figure 1.3

Table 1.3

	σ \pm
	σ \pm
	σ \pm

1.3.2 GPS Network in Sabah and Sarawak

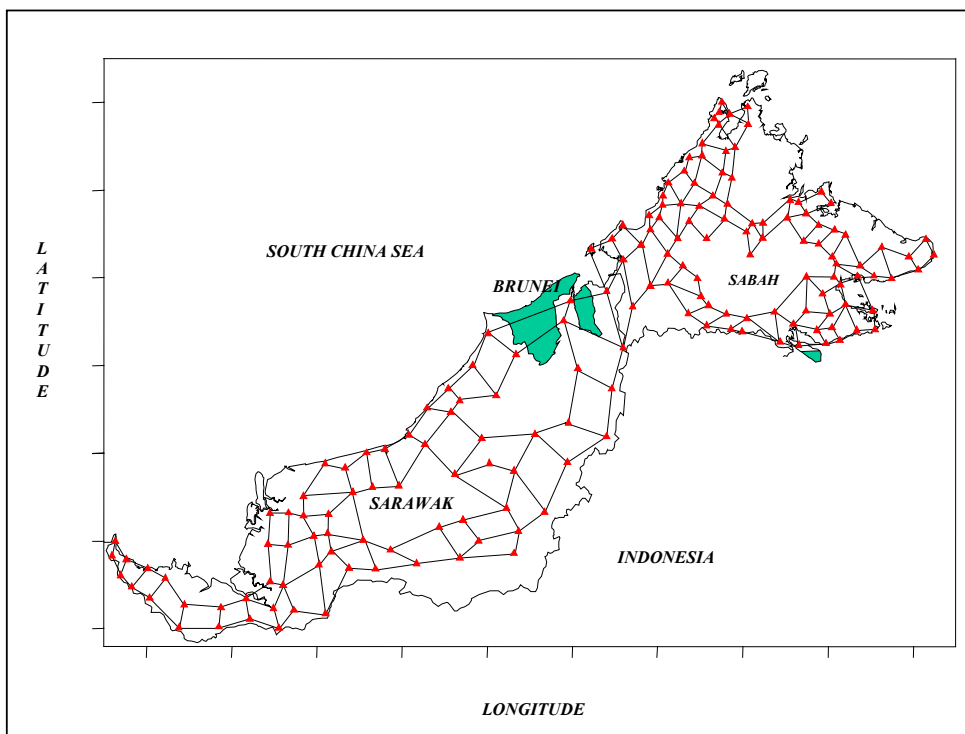


Figure 1.4

Table 1.5

Stn. Name	Latitude D M S	Longitude D M S	Ell. Height m

1.4.3 Comparison of Coordinates

Table 1.6

Stn. Name	Latitude D M S	Longitude D M S	Ell. Height m

Table 1.7

Stn. Name	Latitude D M S	Longitude D M S	Ell. Height m

	Diff in Lat (second)	Diff in Long (second)	Diff in Ellip. Ht (m)

Latitude D M S	Longitude D M S	Ell. Height m

	Diff in Lat (sec)	Diff In Long (sec)	Diff in Ellip. Ht m

	Diff in Lat (sec)	Diff In Long (sec)	Diff in Ellip. Ht m

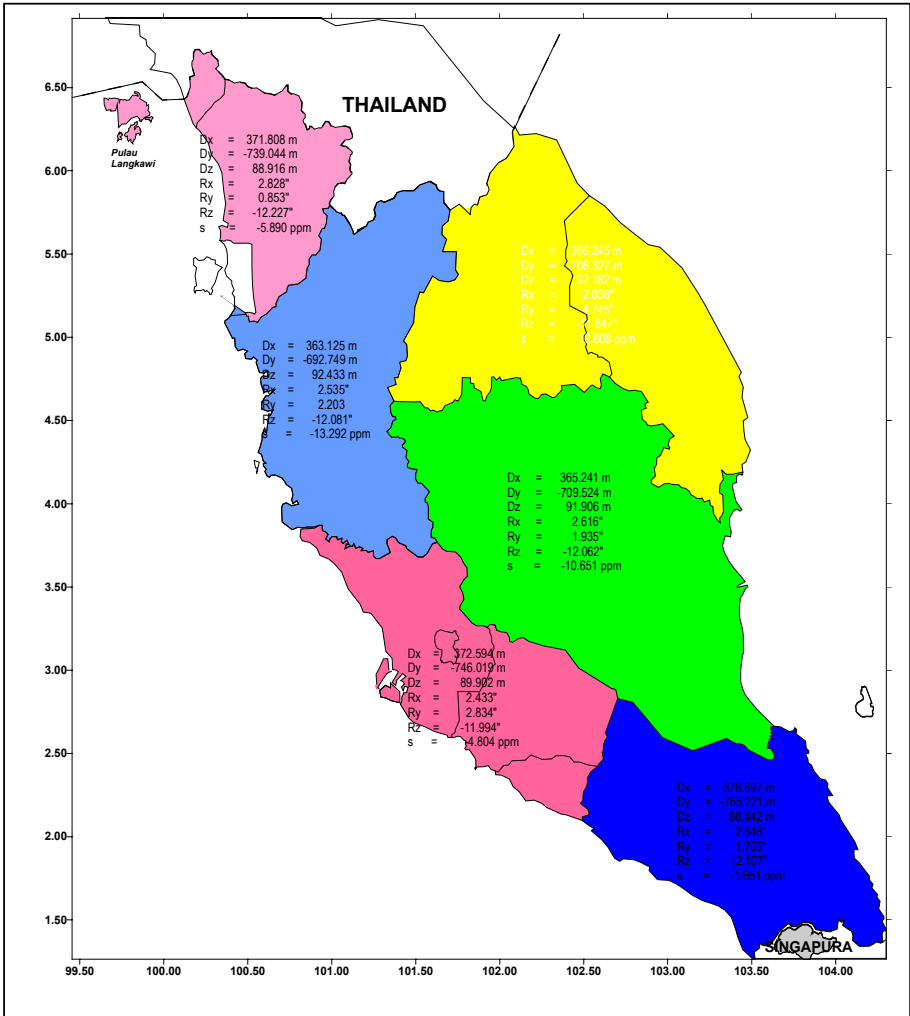


Figure 1.6

Table 1.17

Block	Dx (m)	Dy (m)	Dz (m)	Rx (m)	Ry (m)	Rz (m)	Scale (ppm)