

TRIGONOMETRICAL STATION SUMMARY

STATION NO. : 70 (FORMER NO. : 46)

SURVEY SHEET NO. : 8-SE-21B

TRIG. NAME : TAI SHE TENG

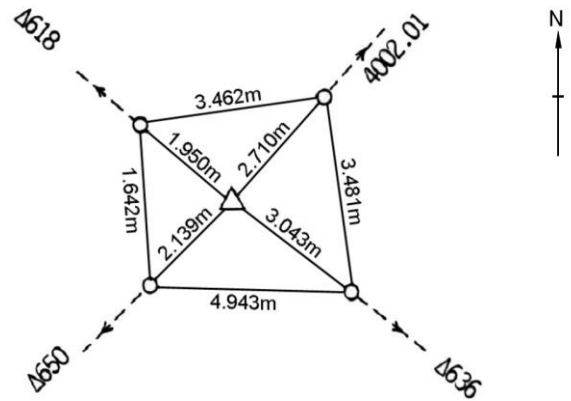
LOCALITY : HIGH ISLAND

HK 80 DATUM	<p>HK 1980 GRID COORDINATES : N = <u>825 035.797</u> m, E = <u>853 571.241</u> m, Class : <u>H1</u></p> <p>Ht = <u>278.8</u> m above HKPD and measured to the top of mark, Class : <u>V6</u></p> <p>SCALE FACTOR : <u>+ 3.5</u> ppm to measured distance to give Grid Distance</p> <p>GRID CONVERGENCE : <u>+ 03' 44.5"</u> to Grid Bearings to give Azimuth</p>
WGS 84 DATUM	<p>GEOGRAPHICAL COORDINATES : Lat = <u>22° 21' 51.81021"</u> N, Long = <u>114° 20' 41.54186"</u> E, Class : <u>GH3</u></p> <p>Ht = <u>276.609</u> m above Ellipsoid and measured to the top of mark, Class : <u>GV3</u></p> <p>Reference Frame = <u>ITRF96</u></p> <p>UTM GRID COORDINATES : <u>2 475 572</u> mN, <u>226 571</u> mE</p> <p>UTM GRID REFERENCE : <u>50Q KK 265 755</u></p>

STATION PHOTO



REFERENCE MARKS DIAGRAM



All witness marks are USM on concrete base.

LOCATION MAP (Scale 1:20000)



GRID BEARINGS TO ADJACENT TRIGS.

4002.01	30° 18' 15"
636	104° 34' 16"
650	248° 44' 59"
618	295° 50' 22"

REMARKS:

Date of Construction : 1976

Type of Mark :

Type A Beacon

It takes about 1 hour to reach the hill-top.