

TRIGONOMETRICAL STATION SUMMARY

STATION NO. : **405** (FORMER NO. : **DT87**)

SURVEY SHEET NO. : **6-SE-17A**

TRIG. NAME : **SHAM TSENG**

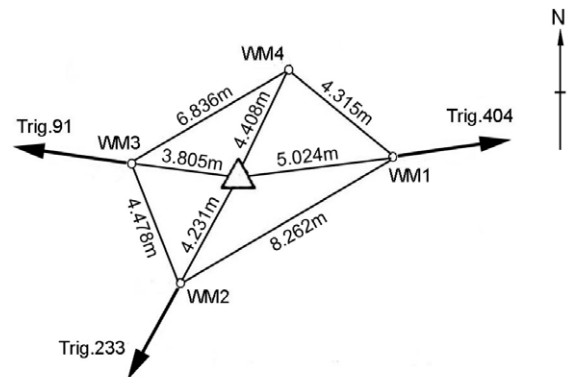
LOCALITY : **SHAM TSENG**

HK 80 DATUM	<p>HK 1980 GRID COORDINATES : N = 826 006.801 m, E = 824 184.484 m, Class : H2</p> <p>Ht = 226.84 m above HKPD and measured to the top of mark, Class : V4</p> <p>SCALE FACTOR : + 1.9 ppm to measured distance to give Grid Distance</p> <p>GRID CONVERGENCE : - 02' 46.4" to Grid Bearings to give Azimuth</p>
WGS 84 DATUM	<p>GEOGRAPHICAL COORDINATES : Lat = 22° 22' 23.53872" N, Long = 114° 3' 34.36963" E, Class : GH3</p> <p>Ht = 223.466 m above Ellipsoid and measured to the top of mark, Class : GV3</p> <p>Reference Frame = ITRF96</p> <p>UTM GRID COORDINATES : 2 477 095 mN, 197 189 mE</p> <p>UTM GRID REFERENCE : 50Q JK 971 770</p>

STATION PHOTO



REFERENCE MARKS DIAGRAM



All witness marks are USM on concrete base.

LOCATION MAP (Scale 1:20000)



GRID BEARINGS TO ADJACENT TRIGS.

404	72° 29' 46"
403	123° 32' 45"
233	198° 35' 31"
91	266° 02' 33"

REMARKS:

Date of Construction : 1975

Type of Mark :
Type A Beacon

Drive along Castle Peak Road via Sham Tseng. Turn right at Tsing Lung Tau, then cross the dam at Sham Tseng Settlement Basin. Stop at the steps which is by edge of the track. From there walk eastward uphill for about 20 mins. to the Trig.