

TRIGONOMETRICAL STATION SUMMARY

STATION NO. : **607** (FORMER NO. : **B(N)**)

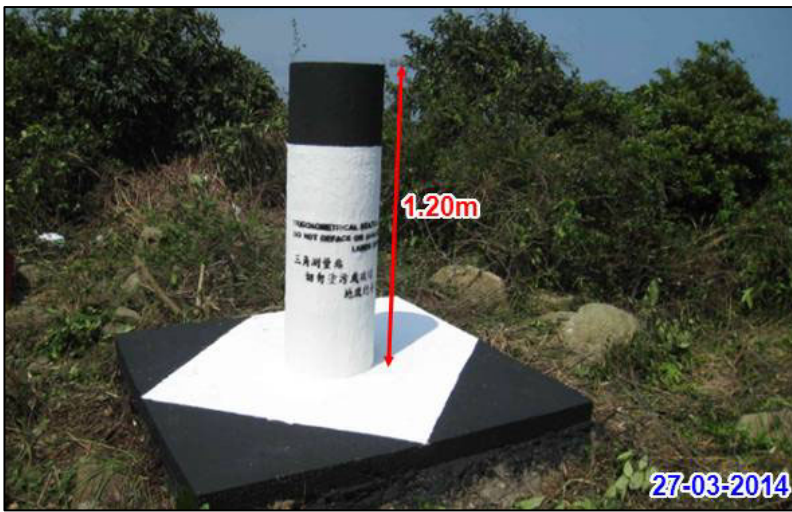
SURVEY SHEET NO. : **12-NE-18C**

TRIG. NAME : **BASALT ISLAND**

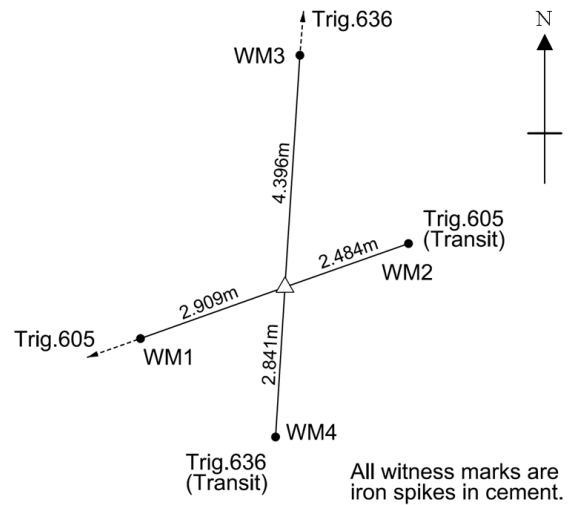
LOCALITY : **BASALT ISLAND**

| | |
|-------------------------|---|
| HK 80 DATUM | <p>HK 1980 GRID COORDINATES : N = 819 639.004 m, E = 855 690.512 m, Class : H2</p> <p>Ht = 174.7 m above HKPD and measured to the top of mark, Class : V5</p> <p>SCALE FACTOR : + 4.5 ppm to measured distance to give Grid Distance</p> <p>GRID CONVERGENCE : + 04' 12.0" to Grid Bearings to give Azimuth</p> |
| WGS 84 DATUM | <p>GEOGRAPHICAL COORDINATES : Lat = 22° 18' 56.27894" N, Long = 114° 21' 55.37976" E, Class : GH3</p> <p>Ht = 172.632 m above Ellipsoid and measured to the top of mark, Class : GV3</p> <p>Reference Frame = ITRF96</p> <p>UTM GRID COORDINATES : 2 470 134 mN, 228 590 mE</p> <p>UTM GRID REFERENCE : 50Q KK 285 701</p> |

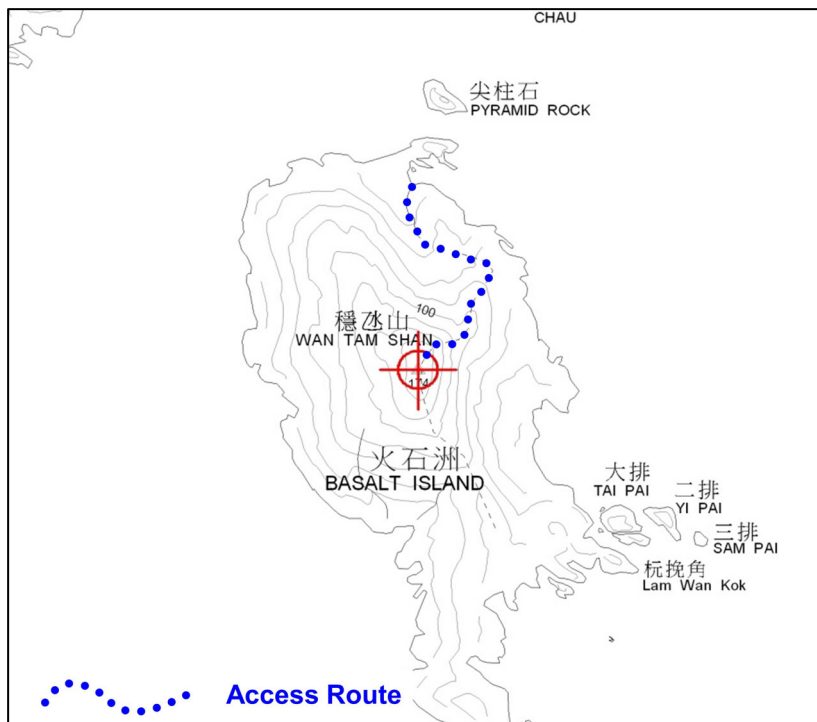
STATION PHOTO



REFERENCE MARKS DIAGRAM



LOCATION MAP (Scale 1:20000)



GRID BEARINGS TO ADJACENT TRIGS.

| | |
|------------|---------------------|
| 636 | 05° 48' 27" |
| 70 | 338° 33' 38" |
| 605 | 252° 39' 38" |
| 609 | 279° 55' 38" |

REMARKS:

Date of Construction : Apr 1976

Type of Mark :
Type A Beacon

Hire a motor-junk at Pak Sha Wan Pier to Basalt Island and land as shown. It takes about 30 mins. walking up to the Trig. at hill top.