TRIGONOMETRICAL STATION SUMMARY

STATION NO. : **607** (*FORMER NO.* : **B(N)** SURVEY SHEET NO.: 12-NE-18C

TRIG. NAME: BASALT ISLAND **LOCALITY**: BASALT ISLAND

Class: **H2** $HK\ 1980\ GRID\ COORDINATES:\ N=819\ 639.004\ m,\ E=855\ 690.512\ m,$ Ht = **174.7** m above HKPD and measured to the top of mark, Class: V5 HK 80

SCALE FACTOR: + 4.5 ppm to measured distance to give Grid Distance

GRID CONVERGENCE: + 04' 12.0" to Grid Bearings to give Azimuth

GEOGRAPHICAL COORDINATES: Lat = 22° 18' 56.27894" N, Long = 114° 21' 55.37976" E, Class: GH3

Ht = 172.632 m above Ellipsoid and measured to the top of mark, Class: **GV3**

ITRF96 Reference Frame = **DATUM**

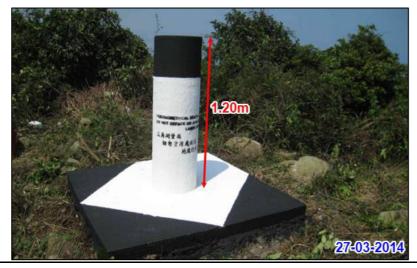
UTM GRID COORDINATES: 2 470 134 mN, **228 590** mE

UTM GRID REFERENCE: 50Q KK 285 701

STATION PHOTO

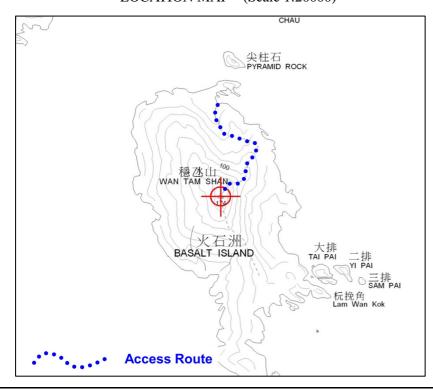
DATUM

WGS 84



REFERENCE MARKS DIAGRAM ^⁴ Trig.636 WM3 Trig.605 (Transit) Trig.605 WM1 Trig.636 All witness marks are (Transit) iron spikes in cement.

LOCATION MAP (Scale 1:20000)



GRID BEARINGS TO ADJACENT TRIGS.	
636	05° 48' 27"
70	338° 33′ 38″
605	252° 39' 38"

279° 55' 38" 609

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.

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