# TRIGONOMETRICAL STATION SUMMARY

**STATION NO.: 88** (FORMER NO.: )  
**SURVEY SHEET NO.:** 10-SW-3A  
**LOCALITY:** LO FU TAU, LANTAU ISLAND

<table>
<thead>
<tr>
<th>HK 80 DATUM</th>
<th>WGS 84 DATUM</th>
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</table>
| **HK 1980 GRID COORDINATES:**  
N = 817,860.640 m, E = 818,061.789 m,  
Ht = 466.4 m above HKPD and measured to the top of mark,  
Class : H1  
**SCALE FACTOR:** +4.3 ppm to measured distance to give Grid Distance  
**GRID CONVERGENCE:** -04° 07.0" to Grid Bearings to give Azimuth |
| **GEOGRAPHICAL COORDINATES:**  
Lat = 22° 17' 58.51309" N, Long = 114° 0' 0.68506" E,  
Ht = 462.967 m above Ellipsoid and measured to the top of mark,  
Class : GH3  
**Reference Frame = ITRF96**  
**UTM GRID COORDINATES:**  
2 469 059 mN, 190 910 mE  
**UTM GRID REFERENCE:** 50Q JK 909 690 |

## STATION PHOTO

![Station Photo](image1.png)

## REFERENCE MARKS DIAGRAM

![Reference Marks Diagram](image2.png)

## LOCATION MAP (Scale 1:20000)

![Location Map](image3.png)

## GRID BEARINGS TO ADJACENT TRIGS.

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<tbody>
<tr>
<td>91</td>
<td>23° 56' 54&quot;</td>
</tr>
<tr>
<td>75</td>
<td>102° 25' 19&quot;</td>
</tr>
<tr>
<td>83</td>
<td>187° 27' 21&quot;</td>
</tr>
<tr>
<td>238</td>
<td>219° 15' 53&quot;</td>
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</tbody>
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## REMARKS:

- Type of Mark : Type A Beacon
- Witness marks fixed on 11/90

Prepared by: **LEUNG Y C**  
Checked by: **POON K K**  
Approved by: **CHAN C H, LS/G(HK&Is)**  
Date: 02/01/2018  
Geodetic Survey Section  
SMO, Lands Department  
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