

**Information Note for  
Legislative Council Panel on Transport**

**Closure of Keung Shan Road and the  
Associated temporary traffic and transport arrangements**

**Purpose**

This paper reports on the position of the repair works on the section of Keung Shan Road on Lantau Island that has been blocked by landslides, and the temporary traffic and transport arrangements for Tai O.

**Background**

2. Subsequent to the torrential rain on 7 June 2008, major landslides occurred at a number of locations on Lantau. Three major ones happened on Keung Shan Road, one (KS1) at about 1.5 km north of its junction with South Lantau Road on the Lantau Island, another (KS2) at 200 m further north and the third (KS3) near Kwun Yum Temple. They blocked the land access to Tai O and Ngong Ping. The locations of these three landslides are at **Annex A**.

3. The blockages affected not only some 2,500 Tai O residents going to Mui Wo and Tung Chung by road transport but also Po Lin Monastery in Ngong Ping. The New Lantau Bus (NLB) Route 2 (Ngong Ping – Mui Wo), Route 21 (Ngong Ping – Tai O), Route 23 (Tung Chung – Ngong Ping), Route N1 (Mui Wo to Tai O) and Route 1R (Hung Hom to Ngong Ping) were suspended. NLB Route 1 (Mui Wo – Tai O), and Route 11 (Tung Chung – Tai O) had to be truncated at Shek Pik.

**Position of Repair Works and Completion Date**

Location KS1

4. The landslide from the natural uphill slopes at this location has blocked and damaged about 100 metres of Keung Shan Road. The downhill traffic lane was completely undermined rendering the remaining lane also unsafe. The road was also covered up with a large amount of fallen debris. The road section had therefore to be completely blocked off since the landslide.

5. Taking into account the very difficult site conditions and the impact of possible future inclement weather, Highways Department (HyD) estimated that around 2 weeks would be needed to repair this road section and open it to one lane 2-way traffic so as to re-open the road between Tai O / Ngong Ping and Mui Wo / Tung Chung for general traffic. After days of round-the-clock emergency work, urgent repairs have been completed. One of the lanes in this affected section has been reopened since 10 a.m. on 20 June 2008.

#### Location KS2

6. Large amount of landslide debris from the natural slopes above the road blocked a section of the road. HyD completed clearing the debris on 12 June 2008. This section of road will continue to operate on a one-lane 2-way traffic arrangement, as before the landslide, until the slope improvement works there are completed.

#### Location KS3

7. The landslide from the natural uphill slopes at this location resulted in a huge pile of mud and boulders blocking a section of the road. HyD cleared the debris and re-opened one lane on 11 June 2008 to allow passage of construction vehicles to help restitution works in Tai O villages as well as controlled passage for local residents including those of Po Lin Monastery and Ngong Ping. On 14 June 2008, HyD completed the critical slope repair works to re-open two lanes between Tai O and Ngong Ping for general traffic (one lane at some locations where further slope stabilization works are still required).

### **Temporary Traffic and Transport Arrangements**

8. To cater for the transport needs of the residents of Tai O, the Transport Department (TD) has made the following temporary traffic and transport arrangements since 7 June 2008:

#### Operation of special ferry service between Tai O and Tung Chung

9. In collaboration with ferry operators concerned, TD has arranged a special ferry service between Tai O and Tung Chung since 7 June, on top of the existing ferry service<sup>1</sup> operating between Tuen Mun, Tung Chung, Sha Lo Wan and Tai O.

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<sup>1</sup> The existing "Tuen Mun - Tung Chung - Sha Lo Wan - Tai O" ferry service operates 4 regular round trips from Mondays to Saturdays, and 8 regular round trips on Sundays and public holidays.

10. As at 20 June 2008, 14 additional sailings between Tai O and Tung Chung are provided on weekdays, with 17 additional sailings on Sundays and public holidays. TD has been closely monitoring the special ferry service and adjustments are made to meet passenger needs. The service details are attached in **Annex B**.

Operation of shuttle bus services between Tung Chung Development Pier and Tung Chung MTR Station

11. To facilitate passengers travelling to the Tung Chung town centre for interchanging with other modes of public transport service, TD has also arranged with franchised bus companies to provide a special shuttle bus service from the Tung Chung Development Pier to the Tung Chung MTR Station. Arrangements have been made such that the operation timetable of the shuttle bus service will tie in with the schedules of the special ferry service.

**Latest Developments**

12. As mentioned in para. 5 above, after days of round-the-clock emergency work, the urgent repairs have been completed. One of the lanes in the affected section of Keung Shan Road was re-opened at 10 a.m. on 20 June 2008, and one-lane-two-way traffic will be maintained, and the following NLB routes have resumed normal operation at the same time: –

<b>Route</b>	<b>Starting at</b>	<b>Time of first departure on 20 June 2008 (as routine schedule)</b>
1 (Mui Wo – Tai O)	Tai O Mui Wo	10.30am 10.10am
2 (Mui Wo – Ngong Ping)	Ngong Ping Mui Wo	12.10pm 10.10am
11 (Tai O – Tung Chung Town Centre)	Tai O Tung Chung Town Centre	10.15am 10.15am
21 (Tai O – Ngong Ping)	Ngong Ping Tai O	10.35am 10.15am

23 (Tung Chung Town Centre – Ngong Ping)	Ngong Ping Tung Chung Town Centre	10.10am 10.10am
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13. The bus services of the overnight route N1 from Mui Wo to Tai O and route 1R which operates only on Sundays and public holidays from Hung Hom to Ngong Ping will also return to normal.

14. After this section of Keung Shan Road is re-opened with limited access and bus services resume, the special ferry service plying between Tai O and Tung Chung provided by TD will cease operation from 22 June 2008 (Sunday). Residents may continue to use the regular ferry service plying among Tuen Mun, Tung Chung, Sha Lo Wan and Tai O.

### **Way Forward**

15. The emergency repair to the undermined section of Keung Shan Road was completed. However, it is necessary to complete permanent safety barriers. HyD will speed up the works in order to re-open the road for two-lane traffic as soon as possible.

16. GEO is still assessing the residual landslide risks of the natural slopes along Keung Shan Road and Tai O Road and any further improvement works which may be required, while the stabilisation measures already identified for these natural slopes are being implemented. On GEO's advice, the two roads will be temporarily closed in the meantime whenever a red/black rainstorm warning or a landslip warning is issued to ensure public safety. Motorists should keep a close watch on related announcements.

17. The temporary closure of Keung Shan Road and Tai O Road will affect the road transport service to Tai O. TD will keep close contact with relevant government departments and public transport operators and disseminate the latest traffic news via the media, the TD hotlines, Islands District Office and Tai O Rural Committee. NLB will also provide a hotline service, so that passengers may check the latest transport arrangements as well as the road re-opening situation.

**Transport and Housing Bureau  
June 2008**



深屈灣  
Sham Wat Wan

大澳  
Tai O

寶蓮寺  
Po Lin Monastery

天壇大佛  
Tian Tan Buddha Statue

Tai O Road  
大澳道

Sham Wat Road  
深屈道

Ngong Ping Road  
昂平路

Keung Shan Road  
靚山道

Sham Wat Road  
深屈道

靚山道  
Keung Shan Road

KS3  
觀音寺  
Kwun Yam Temple

KS2  
KS1

石壁水塘  
Shek Pik Reservoir

靚山道

South Lantau Road

嶼南道

往梅窩  
To Mui Wo

# 靚山道三個主要山泥傾瀉位置 Location Plan - Three Major Landslides on Keung Shan Road

Scale: Diagrammatic

**“Tuen Mun – Tung Chung – Sha Lo Wan – Tai O”  
Licensed Ferry Services**

**Boarding locations**

Tuen Mun : The public landing steps outside Marina Garden, Tuen Mun Area 44  
 Tung Chung : Tung Chung Development Pier, Tung Chung Waterfront Road,  
 Lantau Island  
 Sha Lo Wan : The public pier at Sha Lo Wan, Lantau Island  
 Tai O : The public pier at promenade, Tai O, Lantau

**Timetable**

**Weekdays (Monday to Saturday)**

Normal Service (Fast Vessel)

From <u>Tuen Mun</u>		From <u>Tung Chung</u>		From <u>Sha Lo Wan</u>		From <u>Tai O</u>
8.40 a.m.	→	9.00 a.m.	→	9.10 a.m.	→	
	←	10.10 a.m.	←	10.00 a.m.	←	9.40 a.m.
12.40 p.m.	→	1.00 p.m.	→	1.10 p.m.	→	
	←	2.15 p.m.	←	2.05 p.m.	←	1.45 p.m.
3.00 p.m.	→	3.20 p.m.	→	3.30 p.m.	→	
	←	4.45 p.m.	←	4.35 p.m.	←	4.15 p.m.
6.15 p.m.	→	6.35 p.m.	→	6.45 p.m.	→	
	←	7.45 p.m.	←	7.35 p.m.	←	7.15 p.m.

Special “Tai O – Tung Chung” Service (Ordinary Vessel)

From Tai O	From Tung Chung
5.30 a.m.	--
6.30 a.m.	--
7.00 a.m.	8.00 a.m.
7.45 a.m.*	9.15 a.m.
8.45 a.m.	--
6.30 p.m.	5.30 p.m.
8.30 p.m.	7.30 p.m.
10.30 p.m.	9.30 p.m.
--	11.30 p.m.

\* The sailing departs from Tai O, operates via Tung Chung and terminates at Tuen Mun, with a fast ferry.

## Sunday and Public Holiday

### Normal Service (Fast Vessel)

<u>From Tuen Mun</u>		<u>From Tung Chung</u>		<u>From Sha Lo Wan</u>		<u>From Tai O</u>
8.40 a.m.	→	9.00 a.m.	→	9.10 a.m.	→	9.40 a.m.
	←	10.10 a.m.	←	10.00 a.m.	←	
9.30 a.m.	→	→	→	→	→	10.15 a.m.
	←	←	←	←	←	
10.40 a.m.	→	11.00 a.m.	→	11.10 a.m.	→	11.40 a.m.
	←	12.10 p.m.	←	12.00 noon	←	
12.40 p.m.	→	1.00 p.m.	→	1.10 p.m.	→	1.45 p.m.
	←	2.15 p.m.	←	2.05 p.m.	←	
2.40p.m.	→	→	→	→	→	3.30p.m.
	←	←	←	←	←	
3.00 p.m.	→	3.20 p.m.	→	3.30 p.m.	→	4.15 p.m.
	←	4.45 p.m.	←	4.35 p.m.	←	
4.15 p.m.	→	→	→	→	→	5.30 p.m.
	←	←	←	←	←	
6.15 p.m.	→	6.35 p.m.	→	6.45 p.m.	→	7.15 p.m.
	←	7.45 p.m.	←	7.35 p.m.	←	

### Special “Tai O – Tung Chung” Service (Ordinary Vessel)

<u>From Tai O</u>	<u>From Tung Chung</u>
5.30 a.m.	--
6.30 a.m.	--
10.30 a.m.	9.30 a.m.
12.30 p.m.	11.30 a.m.
2.30 p.m.	1.30 p.m.
4.30 p.m.	3.30 p.m.
6.30 p.m.	5.30 p.m.
8.30 p.m.	7.30 p.m.
10.30 p.m.	9.30 p.m.
--	11.30 p.m.

## **Fares**

<b>Type of Service</b>	<b>Operating Days</b>	<b>Fare per adult passenger (HK\$)</b>
Fast Vessel	Weekdays (Monday to Saturday)	20
	Sunday and public holiday	25
Ordinary Vessel (Special service)	Weekday (Monday to Saturday)	15
	Sunday and public holiday	20

## **Steaming Time (Special “Tai O – Tung Chung” Service)**

About 40 min (fast vessel) / About 60 min (ordinary vessel)

## **Shuttle Bus Services**

Passengers may take Citybus Route S56, Long Win Bus Route S64P, and New Lantao Bus Route 37 to travel between Tung Chung town centre / Tung Chung MTR Station and Tung Chung Development Pier.

Special departures of NLB Route 37 and Long Win Bus Route S64P are operated from Tung Chung Development Pier to Tung Chung town centre / Tung Chung MTR Station to tie in with the schedules of the special ferry service between Tai O and Tung Chung.