

INFORMATION RECEIVED FROM MTR

MTR Corporation Limited
香港鐵路有限公司
www.mtr.com.hk



Your Ref : () in 9125.E4.HK/L/0003
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BMT Asia Pacific				
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25 August 2014

By Fax & Post
Fax No. 2815 3377

BMT Asia Pacific Ltd
5/ F, FWD Financial Centre
308 Des Voeux Road Central
Hong Kong

Attn: Mr Gary Chow,

Dear Gary,

Re: Request for Information of Traffic Population of Island Line between Heng Fa Chuen Station and Chai Wan Station and Population Data of MTR Chai Wai Depot

I refer to your letter dated 8 July 2014 on the captioned subject, please find the required information as follows:

Traffic Population	
Information Required	Average
1. Speed of the train along the line between Heng Fa Chuen Station and Chai Wan Station	50 – 60 kph
2. Number of passenger per hour in the train between Heng Fa Chuen Station and Chai Wan Station in the following time periods (total of up and down):	
a) Weekday – Peak hour	a) 13,245
b) Weekday – Non-peak hour	b) 3,973
c) Weekend – Peak hour	c) 7,678
d) Weekend – Non-peak hour	d) 8,072



MTR Headquarters Building, Telford Plaza, Kowloon Bay,
Kowloon, Hong Kong. GPO Box 9916, Hong Kong
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Population of MTR Chai Wan Depot	
Information Required	
1. Number of people working in the MTR Chai Wan Depot in day time and night time:	Day time:100 (Approximately) Night time:20 (Approximately)

Should you have any question, please feel free to contact Edwin Lee, Manager-Train Services Planning at 2993 3730.

Yours sincerely,

Wan Siu Keung
Service Planning and Support Manager

ST/EL/ew



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TIME FRACTION DISTRIBUTION

Time Period		Day Time (Hrs)	Night Time (Hrs)	Day Fraction	Night Fraction	Passenger Flow (psg/hr)
Weekday peak hour	Mon-Fri	3	3	0.50	0.50	13245
Weekday non-peak hour	Mon-Fri	8	5	0.62	0.38	3973
Weekend peak hour	Sat-Sun	3	3	0.50	0.50	7678
Weekend non-peak hour	Sat-Sun	8	5	0.62	0.38	8072

Note:

1. Service hour of MTR is between 0600-0100 (19 hours)
2. Assume day time peak hour is between 0600-0900 and night time peak hour between 1700-2000
3. Assume day time non-peak hour is between 0900-1700 and night time non-peak hour is between 2000-0100

MTR TRAIN POPULATION

Time Period	Passenger Flow (psg/hr)	Average Speed (km/hr)	Length of track (km)	No. of passenger (psg)
Weekday day ⁽¹⁾	13245	60	0.74	406
Weekday night ⁽¹⁾	3973	60	0.74	454
Weekend day ⁽¹⁾	7678	60	0.74	351
Weekend night ⁽¹⁾	8072	60	0.74	448

Note:

1. Weekday day passenger flow = $13245 / 0.5 + 3973 / 0.62 = 32946$ psg/hr
 Weekday night passenger flow = $13245 / 0.5 + 3973 / 0.38 = 36820$ psg/hr
 Weekend day passenger flow = $7678 / 0.5 + 8072 / 0.62 = 28473$ psg/hr
 Weekend night passenger flow = $7678 / 0.5 + 8072 / 0.38 = 32343$ psg/hr

MTR ANNUAL PASSENGER GROWTH RATE

Year	2004	2005	2006	2007	2008
No. of passenger ⁽¹⁾	NA 833550	857954	866754	915755	1205448
Annual Growth rate	NA	2.9%	1.0%	5.7%	31.6%
Year	2009	2010	2011	2012	2013
No. of passenger ⁽¹⁾	1218796	1298714	1366587	1431040	1474659
Annual Growth rate	1.1%	6.6%	5.2%	4.7%	3.0%

Note:

1. No. of passenger according to Annual Report 2013, MTR Corporation Ltd.
2. An average annual passenger growth rate of 6.9% is calculated based on past 10-year data (2004-2013)