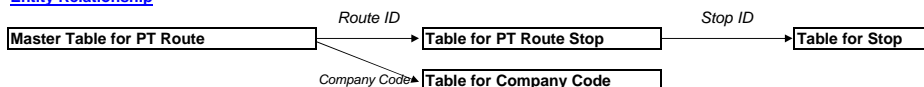


Routes and Fares of Public Transport Data Specification

Tables

		filename prefix
1	Master Table for PT Route	ROUTE
2	Table for PT Route Stop	RSTOP
3	Table for Stop	STOP
4	Table for Company Code	COMPANY_CODE

Entity Relationship



Master Table for PT Route

Field	Data Type	Description
ROUTE_ID	Integer	Route ID
COMPANY_CODE	String	e.g. KMB, GMB; please refer to the remark of Company Code " below and code table "Company_Code"
DISTRICT	String	HKI, KLN, NT (only applicable for GMB)
ROUTE_NAMEC	String	Route Name in Chinese
ROUTE_NAMES	String	Route Name in Simplified Chinese
ROUTE_NAMEE	String	Route Name in English
ROUTE_TYPE	Integer	1=bus(巴士), 2=GMB(專線小巴), 4=tram(電車), 5=peak tram(山頂纜車), 7=ferry(渡輪)
SERVICE_MODE	String	A=whole, N=night, NT=night & specific time, R=regular/day, T=regular & specific time [for reference internally; not recommended for public viewing]
SPECIAL_TYPE	Integer	0=Not applicable, 1=Time or day specific services (特定時段或非每天服務路線), 2=Separate fare for weekend and Public Holidays (設假日及公眾假期收費), 3=Time or day specific and separate fare for weekend and PHs (特定時段或非每天服務路線及設假日及公眾假期收費)
FARE	Numeric	Full fare
LOC_START_NAMEC	String	Starting Point Location Name in Chinese
LOC_START_NAMES	String	Starting Point Location Name in Simplified Chinese
LOC_START_NAMEE	String	Starting Point Location Name in English
LOC_END_NAMEC	String	End Point Location Name in Chinese
LOC_END_NAMES	String	End Point Location Name in Simplified Chinese
LOC_END_NAMEE	String	End Point Location Name in English
LAST_UPDATE_DATE	Datetime	Date and time of last update

# COMPANY_CODE			
	CTB	City Bus	城巴
	KMB	Kowloon Motor Bus	九巴
	NWFB	New World First Bus	新巴
	LWB	Long Win Bus	龍運巴士
	NLB	New Lantao Bus	新大嶼山巴士
	KMB+CTB	Joint Operation of KMB & CTB	九巴/城巴
	KMB+NWFB	Joint Operation of KMB & NWFB	九巴/新巴
	LWB+CTB	Joint Operation of LWB & CTB	龍運/城巴
	PI	Ma Wan Bus	馬灣巴士
	DB	Discovery Bay Bus	愉景灣巴士
	XB	LMC Cross Boundary Coach	落馬洲/皇崗過境巴士
	LRT FEEDER	Mass Transit Railway Feeder Bus	港鐵巴士
	GMB	Green Minibus	專線小巴
	FERRY	Ferry	渡輪
	PTRAM	Peak Tram	山頂纜車
	TRAM	Tram	電車

Delta change

Field	Description
ROUTE_ID	Route ID
CHANGE	Add / Update / Delete

Delta changes are compiled in csv format

Table for PT Route Stop

Field	Data Type	Description
ROUTE_ID	Integer	Route ID
ROUTE_SEQ	Integer	1 = inbound or circular route; 2 = outbound
STOP_SEQ	Integer	Stop sequence of a route
STOP_ID	Integer	Stop ID
STOP_NAMEEC	String	Stop name in Traditional Chinese
STOP_NAMES	String	Stop name in Simplified Chinese
STOP_NAMEEE	String	Stop name in English
LAST_UPDATE_DATE	Datetime	Date and time of last update

Remark

GMB route includes the first and last stop (terminus) only.

Delta change

Field	Description
ROUTE_ID	Route ID
ROUTE_SEQ	1 = inbound or circular route; 2 = outbound
CHANGE	Add / Update / Delete

Delta changes are compiled in csv format

On each delta change record, Route ID with its Route Sequence (or known as Bound) indicates changes occurred in all of its stops

Table for Stop

Field	Data Type	Description
STOP_ID	Integer	Stop ID
STOP_TYPE	Integer	1=bus, 2=GMB, 5=tram, 6=peak tram, 8=ferry
X	Integer	x-coordinate of stop location
Y	Integer	y-coordinate of stop location
LAST_UPDATE_DATE	Datetime	Date and time of last update

Delta change

Field	Description
STOP_ID	Stop ID
CHANGE	Add / Update / Delete

Delta changes are compiled in csv format

Table for Company Code

Field	Data Type	Description
COMPANY_CODE	String	Company / Operator code
COMPANY_NAMEC	String	Company / Operator name in Chinese
COMPANY_NAMES	String	Company / Operator name in Simplified Chinese
COMPANY_NAMEE	String	Company / Operator name in English
DESCRIPTION	String	Description of company code, for reference