Data Specification for Journey Time Indicators

JOURNEY TIME INDICATORS

There are currently 10 sets of Journey Time Indicators (JTI) installed on major routes on Hong Kong Island and in Kowloon to provide the latest cross harbour journey time for motorists to make an informed route choice.   The displayed journey time refers to the average journey time of vehicles on the harbour crossing routes from the JTI to exit of the respective tunnels.   The cross harbour journey time XML file is updated every 2 minutes.

Data structure of the XML file for JTI is as follows:

Item	Description	Coding
LOCATION_ID	Reference ID for JTI	H1 – JTI at Gloucester Road eastbound near the Revenue Tower (835776.133E, 815604.834N)
		H2 – JTI at Canal Road Flyover northbound near exit of Aberdeen Tunnel (836609.240E, 814749.535N)
		H3 – JTI at Island Eastern Corridor westbound near City Garden (838019.353E, 817012.047N)
		H11 – JTI at Island Eastern Corridor westbound near Lei King Wan (840851.058E, 816261.521N)
		K01 – JTI at Ferry Street southbound near Charming Garden (835228.606E, 819561.765N)
		K02 – JTI at Gascoigne Road eastbound near the Hong Kong Polytechnic University (836432.903E, 818548.685N)
		K03 – JTI at Waterloo Road southbound near Kowloon Hospital (836422.941E, 820573.545N)
		K04 – JTI at Princess Margaret Road southbound near Oi Man Estate (836273.929E, 819369.685N)
		K05 – JTI at Kai Fuk Road northbound near the petrol stations (839344.209E, 820099.964N)
		K06 – JTI at Chatham Road North southbound near Fat Kwong Street Playground (837010.873E, 818912.021N)
DESTINATION_ID	Destination of JTI	CH – Cross Harbour Tunnel
		EH – Eastern Harbour Crossing
		WH – Western Harbour Crossing

CAPTURE_DATE	Time of generating the journey time data	"YYYY-MM-DD" T "HH:MM:SS"
JOURNEY_TYPE	Type of display content	1 – journey time data 2 – bitmap data
JOURNEY_DATA	The journey time data	When "JOURNEY_TYPE = 1" – 2 digits in minutes When "JOURNEY_TYPE = 2" – "1" means traffic congested. Traffic congestion bitmap will be displayed. When "JOURNEY_TYPE = 2" – "2" means tunnel congested. Tunnel congestion bitmap will be displayed. When "JOURNEY_TYPE = 2" – "3" means tunnel closed. Tunnel closed bitmap will be displayed. When "JOURNEY_TYPE = 2" – "4" means blank. Blank bitmap will be displayed. -1 – Not applicable
COLOUR_ID	Colour code for the journey time data	1 – Red 2 – Yellow 3 – Green -1 – Not applicable
JOURNEY_DESC	Description of journey time data	Only available when "JOURNEY_TYPE" value is "2". Empty string means not applicable. When "JOURNEY_TYPE = 2" and "JOURNEY_DATA = 1" – Traffic Congestion. Traffic congestion bitmap will be displayed. When "JOURNEY_TYPE = 2" and "JOURNEY_DATA = 2" – Tunnel Congestion. Tunnel congestion bitmap will be displayed. When "JOURNEY_TYPE = 2" and "JOURNEY_DATA = 3" – Tunnel Closed. Tunnel closed bitmap will be displayed. When "JOURNEY_TYPE = 2" and "JOURNEY_DATA = 4" – Blank. Blank bitmap will be displayed.