

# EDITED PRESS AND NEWS RELEASES

## TRANSPORT FOR LONDON

### LICENCING LONDON'S CONTACTLESS TICKETING SYSTEM

13 July 2016

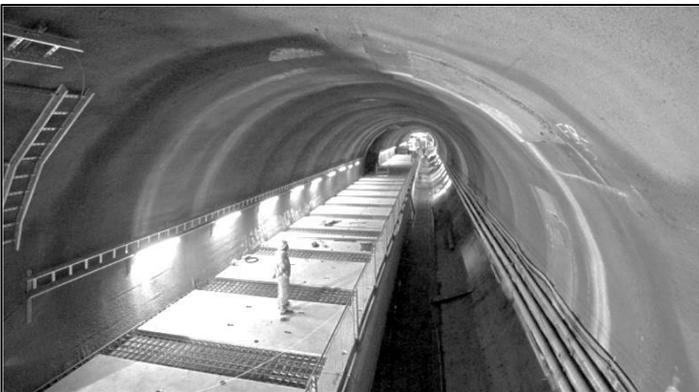
Transport for London has announced its contactless ticketing system is set to be used by other major cities across the globe as part of a deal worth up to £15m, which will be used to help deliver a fares freeze for the next four years. TfL signed a deal today with Cubic Transportation Systems, a business unit of Cubic Corporation, allowing them to adapt the capital's contactless ticketing system worldwide. It is the first of a number of planned agreements to sell TfL's expertise both at home and abroad.

Cubic Transportation Systems were awarded the 'Electra' contract in 2014, which covers the maintenance and availability of ticketing and fare collection equipment on 8,500 buses, 1,900 ticket gates at London Underground and London Overground stations, 1,800 stand-alone validators including on the DLR, 1,600 ticket machines and at the 250 National Rail stations where card readers are located.

## CROSSRAIL

### PLATFORMS COMPLETED AT NEW LIVERPOOL STREET STATION

14 July 2016



A major milestone in the construction of the new Crossrail station at Liverpool Street has been reached with the completion of the two new platforms over 30 metres below ground. The two 240-metre-long platforms, constructed as part of the Crossrail programme, were pre-fabricated in more than 500 pieces at a state-of-the-art factory over 130 miles away near Sheffield. They were then transported to London, lowered down the station's main shaft and pieced together.

**All photos: Crossrail**

The new platforms have taken around four months to install and are around twice the length of many existing London Underground platforms to accommodate the new 200-metre-long Crossrail trains.

## FIRST CROSSRAIL TRAIN TAKES TO THE TEST TRACK

29 July 2016



The first of the new state-of-the-art Crossrail trains was unveiled by TfL today as it took to the test track at Bombardier Transportation in Derby. In total, a fleet of 66 new trains will operate on the TfL-run line, serving the West End, City and Docklands and running from Reading and Heathrow in the west across to Shenfield and Abbey Wood in the east, through 40 accessible stations.

The new Class 345 trains will enter service in May 2017 on TfL Rail services between Liverpool Street and Shenfield. The first trains will initially be seven carriages and 160 metres long to fit existing upper level platforms at Liverpool Street.

The nine carriage, 200 metre-long trains, each are able to carry up to 1,500 people, will be introduced from May 2018, initially between Heathrow and Paddington.

All the trains feature walk-through carriages, air conditioning, CCTV for passenger security and real-time travel information.

## VIVARAIL

### CLASS 230 TO ENTER PASSENGER SERVICE THIS YEAR

22 July 2016

Vivarail announces that the prototype Class 230 will be in passenger service this year. The three-car train will be leased to a consortium led by the West Midlands Combined Authority (WMCA) and operated by London Midland for an initial period of 12 months on the Coventry to Nuneaton line.

The train will be of the highest quality with three carriages fitted out in a range of designs which will allow Vivarail to get valuable feedback on what passengers actually want. The two driving cars will retain their original 'crowd-busting' layout whilst the middle car will showcase different seating and table arrangements. The aim is to gain direct thoughts from the public about what suits their needs which will be important in discussions with future operators.



The Class 230 (*Left*) has been designed as a cost-effective solution to over-crowding on the rail network. The train costs considerably less to acquire and run, about a third less than a comparable unit, and uses about a third less fuel. The ground-breaking engine modules allow the train to be maintained trackside, rather than needing to return to a depot.

Each driving car is powered by two independent Gensets which ensure the train can operate at near full power even if one engine should fail. Additionally, the train is subject to 24/7 remote monitoring to ensure smooth and continuous service throughout its operating hours.

**Photo:**  
**Vivarail**

## PUTNEY BRIDGE WORK

As reported in the July issue of *Underground News*, major work took place at Putney Bridge over the three-day late Spring Bank Holiday weekend where the former bay platform became the new westbound platform, and the old westbound platform 'around the back' was closed and decommissioned.

**Overleaf:** (Top) New tamping machine TMM775 was used during the work and is seen standing on the westbound line on Fulham Railway Bridge on 29 May 2016. Although just west of Putney Bridge station, the bridge is often (and incorrectly) referred to as 'Putney Bridge', which is the correct name of the nearby road bridge.