

## **EVIDENCE ITEM FOR REQUIREMENT 635**

(Extract from email to [REDACTED] dated 25.11.14)

A post-installation review was held on 16 October 2014 with Paul Butler, Track Infrastructure Manager (Central and W&C) and Sean Lynch (Track Inspection and Servicing Manager).

- Installation at Holland Park to be to be satisfactory  
The Track Infrastructure Manager reported that the newly installed track on Vanguard fastenings was holding on well with no maintenance issues. The Noise & Vibration Engineers have undertaken noise measurements and described the initial results (see attached report) as 'excellent and very encouraging'. Monitoring of the site will continue.

Installation at Holland Park test site has therefore been satisfactory and hence plans for installation at Maida Vale and Regents Park on the Bakerloo Line are in progress. There was an issue with the reliability of the tooling provided by Pandrol during the first installation. The tooling (Panpuller and hydraulic pump units) were either replaced or repaired as part of the support provided on site. This was noted in the site report submitted by Pandrol.