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Dear Mr Hicks,

Information request

Reference number: FOI2020/01189 and FOI2020/01312

Thank you for your email of 11 October 2020 and your clarification email of 6 November and follow up phone call. You requested the following information:

Could you please supply the following train planning and operational related data:

1. A copy of the Timetable Planning Rules in XML format, also called the 'Assurable Database' or Attune - along with an XML Schema Definition (XSD) if available. For clarity, these are not the PDFs published on the Network Rail website, but the data used to calculate compliance with junction margins and minimum platform reoccupation times, etc.

2. A list of all train Service Codes, their descriptions, their Service Group and the description of the service group for any date in the 2020-21 financial year - this may be readily available from the PSS Data Warehouse via SAP BI

3. A copy of the TOPS table D4021 containing a list of STANOX (station number), STANME (station name) and STAABB (station abbreviation) for all current TOPS Responsibility Areas (TRAs) - this may be readily available from an AB enquiry on TOPS

4. A copy of the relevant source code of, and any referenced data used in calculations for, the TSBU (Mileage Enquiry) transaction within the TOPSCICS environment – You later clarified that 'I am looking for the data underlying the TSBU enquiry.' Further explaining by phone that you were interested in the data which allowed TRUST to calculate mileages for new train schedules.

I have processed your request under the Freedom of Information Act 2000 (FOIA). I can confirm we hold the information you have requested.

Please find the following documents in the link below:

- Train Planning Rules in XML format (in response to question 1).
- An extract from PSS TSCs and the Service Groups from 5 February 2020 (in response to q2). Please note I have removed some information from these documents under s31(1)(a) FOIA, I have explained the reason for this further below.
- A manually updated list created and used by Business Systems Support (BSS) and TSC support (in response to q1).
- A copy of the Total Operations Processing System (TOPS) table D4021 (in response to q3).
- The mileage matrix (in response to q4).

[FOI2020/01189](#)¹

By way of explanation for question four, I understand that Trust does not calculate mileages for a train – it uses the mileages calculated by the Technical Specification for Interoperability (TSI/TSIA). Therefore, I have provided you with the data from TSI/TSIA that allows schedules to be “miled”.

Please note that this data was provided to Network Rail by ATOS in July 2020, therefore some of the data has changed since then. Any further updates to this data would be charged by ATOS to Network Rail (more specifically, whoever requests it), this is the most recent data that we have requested from ATOS.

To access the data, you will need to have the Microsoft Access application.

Section 31(1)(a) FOIA

While I am able to provide the service group information, I have removed a small amount of information which would permit the identification of trains carrying sensitive loads. The reasoning and legal basis for this decision is set out below.

Section 31(1)(a) of FOIA provides that information is exempt from disclosure if its disclosure under the Act would, or would be likely to, prejudice the prevention or detection of crime. The removed information, when read alongside information already in the public domain, would allow the identification of sensitive trains. A determined and so minded individual could use this information to target specific trains travelling on our network to cause harm.

Having sought the views of the relevant experts within Network Rail, we consider that disclosing this information to the ‘world at large’ under FOIA would adversely affect the prevention of crime, because disclosure of data that identifies these sensitive trains would be likely to aid criminal activity. We also consider that the information would

¹ https://networkrail-my.sharepoint.com/personal/dstratto_networkrail_co_uk/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Fdstratto%5Fnetworkrail%5Fco%5Fuk%2FDocuments%2FFOI202001189

be likely to assist any terrorists who wished to plan attacks on the railway infrastructure by identifying vulnerable locations (i.e. trains) and times.

I consider that our position is supported by the Information Tribunal's decision in EA/2006/0078 1, where the Tribunal decided that disclosure of information:

'...would enable criminals to establish the precise location of, and (in an urban environment), the resulting ease of access to [sites]...the disclosure of the requested information will to some degree increase the risk of attacks and in that way may adversely affect public safety.'

This exemption is subject to a public interest test. I consider that the factors in favour of disclosing the information are that it would increase transparency and public understanding of station workings. However, I consider that the factors in favour of withholding the information are that there is a significant public interest in safeguarding the safety of people travelling and working on the rail network, which is part of the critical national infrastructure. As explained above, we are aware that there are a number of determined individuals who may commit criminal or terrorist acts on the railway network, and I therefore consider that the public interest is strongly in favour of removing this part of the information.

I hope you find this information useful. If you have any enquiries about this response, please contact me in the first instance at FOI@networkrail.co.uk Details of your appeal rights are below.

Please remember to quote the reference number at the top of this letter in all future communications.

Yours sincerely

Danielle Stratton
Information Officer

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Appeal rights

If you are unhappy with the way your request has been handled and wish to make a complaint or request a review of our decision, please write to the Head of Freedom of Information at Network Rail, Freedom of Information, The Quadrant, Elder Gate, Milton Keynes, MK9 1EN, or by email at FOI@networkrail.co.uk. Your request must be submitted within 40 working days of receipt of this letter.

If you are not content with the outcome of the internal review, you have the right to apply directly to the Information Commissioner for a decision. The Information

Commissioner (ICO) can be contacted at Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire, SK9 5AF or you can contact the ICO through the 'Make a Complaint' section of their website on this link: <https://ico.org.uk/make-a-complaint/>

The relevant section to select will be "Official or Public Information".