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4 March 2020

Our Ref: **Asset Data Quality Review - Recommendations**

Dear Steven

I write to formally respond to the recommendations made by Arup in their independent reporter review into Asset Data Quality.

On behalf of Network Rail, I accept the report findings and confirm that we are working to take action against each of the four recommendations as follows:

Arup		Network Rail			
Number	Network Rail	Network Rail Response	Commentary	Deliverable	Target date
2019ADQ01	NR should define and migrate to a single combined linear and spatial location referencing system. The definition should include the data requirement, the relationship between the linear and spatial facets, the accuracy and tolerance and the purpose and use of the linear and spatial facets.	Accepted	Work is in hand to produce a Level 1 'Geospatial Standard'. This will be accompanied by a business impact assessment confirming the necessary steps to fully apply across Network Rail's business.	Endorsed standard and implementation plan	Jun-20
2019ADQ02	NR should produce and implement a consolidated set of asset data requirements, including their data quality parameters. Currently the source of these is diverse including guides and manuals, conventions and derivation from sources of other purposes, for example, engineering standards.	Accepted	Our forward plan of action includes a consistent structure for Data Quality Criteria, the definition of asset attribute specific quality parameters and improvements to our specification toolset to share / maintain the specification.	Updates to Asset Information Specification Toolset to host DQC and priority programme for DQC for March 2021	Apr-20
2019ADQ03	NR should strengthen their processes, procedures and controls for maintaining the alignment of multiple central databases with overlapping datasets and data delivery into them. They should consider automation, to identify misalignment on an ongoing basis.	Accepted	We have established plans to check and review alignment between our most critical datasets. Further work is in hand to strengthen our control across S&C, Access Points, RDMS and Boundary databases. Solutions for the Structures and Earthworks datasets are linked to our programme to replace existing applications.	Develop proposals to produce data gap reports to show misalignments and allow targeted corrective action.	Jan-20
2019ADQ04	NR should undertake an assurance programme of its own asset data quality. The ORR or Reporter on their behalf, may then audit the results of the assurance programme.	Accepted	Our established plans of improvement include actions to enhance our data quality reporting and to carry out a targeted programme of assurance.	Asset Data Quality Assurance of reported data quality levels, Route/Region specific insights and sufficiency of corrective action (improvement plans).	May-20

I intend to continue to keep you apprised of progress at our monthly bipartite and will provide you with evidence for each completed action at the date of completion.

Yours sincerely

Professional Head of Data
Network Rail