



## **Summary of principal documents submitted by Heathrow Hub Ltd/Runway Innovations Ltd to the Airports Commission**

### **Introduction**

This note provides a summary of the principal documents submitted by Heathrow Hub Ltd/Runway Innovations Ltd (HHL/RIL) to the Airports Commission since the Commission's Interim Report in December 2013.

We note the following;

- 1 – This is not a full list of material we have submitted to the Commission but is intended to assist consultees by highlighting the principal documents that describe our proposals and illustrate the scheme's development.
- 2 - Our submissions describe our airport masterplan and surface access strategy that, although the subject of design development, remains broadly the same as that shortlisted by the Commission in December 2013.
- 3 – Separately to our design development, the Airports Commission and their consultants have amended our airport masterplan in a number of important respects. The most significant of these are described in the Commission's consultation document (Paras. 8 et seq, Scheme Description- Heathrow Airport Extended Northern Runway). Our documents consider and assess only some of these amendments. The Commission's assessments in the public consultation relate to their amended airport masterplan.
- 4 - Our surface access strategy is based on an integrated road/rail interchange located north of the airport on the M25 motorway, Great Western Main Line and Crossrail. The Commission's consultation includes an alternative surface access proposal, developed by the Commission and their consultants, based on Western Rail Access to Heathrow (WRAtH). Our documents do not consider this alternative other than by comparison to our proposals. The Commission's assessments in the public consultation relate to their surface access proposals.
- 5 – Our and the Commission's appraisal methodologies differ in important respects, for example in assumptions as to baselines, the definition of the study area and the extent of buffer zones around the proposed development. It should not therefore be assumed that a direct comparison is possible.

The table below lists the principal documents.

Date (2014)	Title	Content	Note
May	Updated Scheme Design	Masterplan	Describes HHL shortlisted scheme developed since Airports Commission's Interim Report December 2013
		Appendix 3.1 - Commissions Surface Access Baseline	
		Appendix 3.2 - Think Aero Report - ATC and Airspace feasibility	
		Appendix 3.3 - Helios Runway Concept Safety Assessment	
		Appendices 4.1, 4.2 - Drawing and Model Issue Registers	
		Appendix 5.1 - Environmental Technical Notes	
		Appendix 5.2 - Homes in Land Take Maps	
		Appendix 6.1 - Community Engagement Report	
		Appendix 6.2 - Capital cost plan	
		Appendix 6.3 - Capital cost comparison	
June	Updated Scheme Design - Masterplanning	Further development of masterplan, includes revised capital cost plan and response to Commission queries	Addition of dual southern taxiway and fuel farm since May 2014 submission
	Updated Scheme Design – Surface Access	Details of surface access strategy including Heathrow Hub interchange, includes capital cost estimate	Describes HHL/RIL surface access proposals which are compatible with our and HAL's masterplan proposals
		Appendix 2.1 - Highways Technical Notes	
		Appendix 3.1 - Notes of meetings with Highways Agency	
		Appendix 5.1 - Engineering Drawings - Airport & Highways	

		Appendix 5.2 - Engineering Drawings - Railways	
		Appendix 5.3 - Crossrail illustrative service pattern	
		Appendix 5.4 - Crossrail Express Illustrative service pattern	
		Appendix 5.5 - Rail forecasting methodology	
		Appendix 5.6 - Notes of meetings with Network Rail and TfL	
		Appendix 6.1 - Capital cost plan – Heathrow Hub interchange	
		Appendix 6.2 - Capital cost plan – Rail Heathrow to Staines	
		Appendix 6.3 - Capital cost Plan – Rail M25 J13 to Ruxbury Road	
		Appendix 7.1 - Phasing drawings	
	Updated Scheme Design	Attachment 5-1 Addendum	Response to the Commissions consultants queries on environmental issues
July	Updated Scheme Design	Attachment 5-1 Addendum 2 (Noise)	Response to the Commissions consultants queries on noise
September	Hub Interchange – Summary of Benefits and Response to Jacobs Draft Reports (Part 1)	Summary of surface access proposals relative to Commission’s appraisal modules	Response to the Commissions consultants review of HHL surface access proposals
		Appendix A - Redacted	
		Appendix B - Indicative development opportunities	
		Appendix C - APM (Siemens CityVAL)	
		Appendix D - Arrivals Baggage (Ashcote Consulting)	
	Hub Interchange – Summary of Benefits and Response to Jacobs Draft Reports (Part 2)	Further response to Jacobs review, includes detailed comparison of costs and benefits	Further response to the Commissions consultants review of HHL surface access proposals
		Appendix A - Comparison	

		of costs and benefits	
	Comments on draft Operational Risk and Operational Efficiency reports		Response to the Commissions consultants review of HHL proposals
	Additional cost estimate	Additional taxiway	
October	Preliminary Safety Review (Helios)		
	Ground Modelling Report (Helios)		
	Additional information on noise, respite, population data and scheme benefits	Further detail to allow clearer comparison between HHL's proposals and Commission's assessment methodology	Includes summary of benefits of HHL proposals