Principal Areas of Disagreement Summary Statement (PADSS) from Surrey County Council - Version Number: Two Submitted at: Deadline Two - 26th March 2023

Ref	Principal Issue in Question	Concern held	What needs to change/be amended/be included in order to satisfactorily address the concern	Likelihood of concern being addressed during Examination
Needs o	ase (including capacity and demand)			
1	The capacity deliverable with the NRP Proposed Development	Modelling by GAL of the capacity deliverable with the NRP has assumed that 1 minute separations can be achieved between all departing aircraft using the two runways. This is not possible with the existing structure of SIDS, particularly given the commitment not to use WIZAD SID in the night period, and so additional delays to aircraft will arise so increasing delays above those stated in the application documents. As a consequence the achievable capacity, at a level of delay acceptable to the airlines, will be lower than stated.	Full modelling of the interaction between the use of the two runways and the respective departure routes needs to be undertaken and the delay information provided at a sufficiently granular level (hourly) to enable the delays to be properly understood and the capacity attainable validated. Work is ongoing between York Aviation and the Applicant regarding a joint local authority SoCG on operations/capacity and needs/forecasting. As this is a work in progress, the PADSS for these elements have not been updated but will be at Deadline 5, as requested by the ExA	Uncertain – subject to GAL transparently undertaking and sharing the relevant simulation modelling.
2	The forecasts for the use of the NRP are not based on a proper assessment of the market for Gatwick, having regard to the latest	The demand forecasts have been developed 'bottom up' based on an assessment of the capacity that could be delivered by the NRP (see point above). It is not considered good practice to base long term 20 year forecasts solely on	Robust market analysis and specific modelling of the share of demand that might be achieved at Gatwick in	Uncertain – subject to GAL producing robust modelling to

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	Department for Transport forecasts and having regard to the potential for additional capacity to be delivered at other airports. The demand forecasts are considered too optimistic.	a bottom up analysis without consideration of the likely scale of the market and the share that might be attained by any particular airport. In this case, top down benchmarking against national forecasts has failed to properly allow for the developments that may take place at other airports and the extent to which the overall level of demand across the London system is reliant on the assumption that a third runway would be delivered at Heathrow.	competition with other airports, not limited simply to traffic, including that from other regions of the UK, that has historically used the London airports. See above	underpin its forecasts of demand.
3	Overstatement of the wider, catalytic, and national level economic benefits of the NRP.	The methodology used to assess the catalytic employment and GVA benefits of the development is not robust, leading to an overstatement of the likely benefits in the local area. The national economic impact assessment is derived from demand forecasts which are considered likely to be optimistic and fails to properly account for potential displacement effects, as well as other methodological concerns.	The catalytic impact methodology needs to properly account for the specific catchment area and demand characteristics of each of the cross-section of airports to ensure that the catalytic impacts of airport growth are robustly identified. The national economic impact assessment should robustly test the net impact of expansion at Gatwick having regard to the potential for growth elsewhere and properly account for Heathrow specific factors, such as hub traffic and air fares. See ref 1.	Uncertain – subject to remodelling of impacts by GAL.

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4	Unlike other airport expansion schemes there is no attempt to consider environmental impacts holistically	As part of their DCO application Luton Airport have proposed a Green Controlled Growth approach, which places controls on four key categories of environmental effect: air quality, greenhouse gas emissions, aircraft noise and surface access. If any limit is breached, further growth will be stopped, mitigation will be required and ultimately, airport capacity would be constrained until environmental performance returned below the limits. No comparable approach is proposed at Gatwick.	Development of an environmentally managed growth approach. Greater controls need to be incorporated into proposals, whereby GAL is required to mitigate in advance of growth.	Uncertain
Traffic a	nd transport			
5	Legislation and Policy	SCC is concerned about the level of growth assumed by GAL in its case for the scheme and that by attempting to accommodate such growth, the NRP includes additional car parking spaces and enhancements to the highways network that might not otherwise be required.	Further exploration of airport capacity and resultant demand and whether this would require all the proposed infrastructure required in the DCO.	Uncertain
6	Assessment methodology, assumptions and limitations of the assessment	SCC is concerned that the modelling tools adopted cannot be considered accurate enough to provide confidence in their outputs, whether it is likely that GAL will be able to meet their Surface Access Commitments and thus whether the ES has thoroughly assessed all the potential impacts.	The Covid sensitivity test, now issued, is only one of a number that SCC would like. Sensitivity test information in respect to the issues raised regarding model accuracy, as well stress tests such as impact of realistic minimum and maximum car access/parking charges and lower than expected rail provision/patronage.	Uncertain

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7	Assessment methodology, assumptions and limitations of the assessment	SCC is concerned that the extent of the VISSIM model includes only one junction in Surrey's network (Longbridge Roundabout), but the extent should be much larger.	The microsimulation study area to be increased to cover more of the SCC network, to enable detailed investigation of the impact of the NRP on its local road network to be understood and include: A23/Massetts Road A23/Victoria Road A217/Tesco Roundabout, and A217/Hookwood Roundabout	Uncertain
8	Baseline Environment	SCC is concerned that high levels of background traffic on the SRN (M25), (which is demonstrated as being at capacity in 2029 in the westbound direction in the morning peak and in the eastbound direction in the evening peak), will increase traffic on the local road network both directly and indirectly as non-airport traffic re-routes off the SRN on to SCC's network.	SCC wishes to understand the volumes of traffic transferred on to its network either directly to/from the airport or displaced from the SRN on to its network and what the impacts of this traffic would be.	Uncertain
9	Baseline Environment	SCC is concerned that the baseline includes the 2,500 additional spaces via robotics at the South Terminal long stay parking area even though it is yet to be agreed whether this would count as permitted development as it has not been trialled yet.	SCC wishes to understand the implications if the 2,500 spaces are not permitted development - in particular, whether the associated highway infrastructure proposed would still be appropriate in such a case, and that the DCO should not provide permission for these spaces if they are not allowed under permitted development.	Uncertain

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10	Highway impact – including journey times	Modelling shows capacity issues at a number of junctions as detailed in the Surrey LIR. There are also journey time impacts, also detailed in the Surrey LIR	In any event, parking expansion should be phased. Mitigation measures to improve performance of these junctions should be included. SCC require the journey time impacts to be mitigated,	Uncertain
11	Mitigation and Enhancement Measures Adopted as Part of the Project	 SCC is concerned that the following elements of the surface access interventions which form part of the SAC remain unspecified: Financial support for enhanced regional express bus or coach services and local bus services; Funding to support local authorities in implementing additional parking controls or in enforcement action against unauthorised off-airport passenger parking sites; Charges for car parking and forecourt access to influence passenger travel choices; Introducing measures to discourage single-occupancy private vehicle use by staff, incentivise active travel use and increase staff public transport discounts; Use of the Sustainable Transport Fund to support sustainable transport initiatives; and 	especially in terms of buses. A draft S106 was provided in Feb 2024. The local authorities have provided initial comments to the Applicant and seek clarification on a range of matters within the SAC and substantial revisions to the S106 as a consequence.	Uncertain

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		 Provision of a Transport Mitigation Fund to support additional measures should these be needed as a result of growth related to the Airport. 		
12	Mitigation and Enhancement Measures Adopted as Part of the Project	SCC note that a heavy reliance is placed on charges for car parking and forecourt access (see above) and also for rail projects to deliver surface access commitments. However, there are no new rail proposals associated with the project, just 2-3 extra peak hour trains and 10 extra off-peak trains per hour that are planned to happen regardless of the project.	Sensitivity tests that assume less ambitious delivery of increased rail services to the airport and to understand what GAL is prepared to do to ensure that this is a minimum level of rail service to the airport. A contribution is required to the proposed Network Rail Schemes assumed in the baseline.	Uncertain
13	Mitigation and Enhancement Measures Adopted as Part of the Project	SCC is concerned that the bus and coach services seem to be under-played: they fail to meet the target in the 2014 ASAS for a second runaway, and there is no indication of the willingness of operators to provide these services or advise if others may be required	Further evidence of GAL's engagement with bus and coach operators and to understand GAL's commitment to delivering improved bus and coach access and increased contribution to passenger and staff mode share.	Uncertain
14	Mitigation and Enhancement Measures Adopted as Part of the Project	Feedback provided by SCC in February 2023 (GAL NRP DCO_Review of Highways Design Strategy Report_v1) with regard to the highway and active travel infrastructure proposals has not been satisfactorily actioned, while review of the submitted material associated with the DCO application has identified further queries and concerns. GAL provided information direct to SCC in October 2023, which SCC reviewed and provided feedback to GAL as SCC	Plans to be provided or conditioned that are detailed enough to judge design compliance and that cover all the proposed improvements, with acceptance of the design also conditioned accordingly. GAL to revise the highway and active travel infrastructure	Uncertain

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		still has outstanding concerns, which have not been addressed.	proposals to address the issues raised.	
15	Mitigation and Enhancement Measures Adopted as Part of the Project	The active travel infrastructure proposed is unsatisfactory, especially considering ambitious sustainable mode share targets set.	SCC requests inclusion of additional active travel route improvements requested, as detailed in the Surrey LIR.	Uncertain
16	Assessment of Effects	SCC has already outlined concerns about the performance of the models used, the extent of models used and low level of impacts reported. Until these have been addressed, SCC cannot comment on the assessment of effects.	SCC wishes to see concerns about the modelling tools addressed before the assessment of effects can be agreed.	Uncertain
17	Surface Access Commitments	It is a concern to SCC that GAL appear to have proposed a less ambitious sustainable transport mode share target than previous documents aimed for and that efforts to meet them in a business-as-usual scenario seem to have been neglected.	SCC note GAL's comments at ISH4 as to why the targets in the Second Decade of Change published in the same year as the DCO application, are now just an aspiration and not consistent with SAC. The reduction in the mode share target further emphasises the need for commitments that follow the principle of environmentally managed growth, such as those being pursued by Luton Airport in their DCO application. These commitments would prevent growth until interim surface	Uncertain

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			access commitments had been met and thus ensure that sustainable travel was at the heart of Gatwick's growth, rather than a target after growth.	
18	Securing mitigation	SCC is concerned that the highway-based mitigation, secured through this DCO, is planned to commence as soon as the airside works have been completed rather than establishing whether they would be required at that time if the SAC were met or exceeded. That the first Annual Monitoring Report (AMR) will be produced no later than six months before the commencement of dual runway operations provides the opportunity for evidenced based growth to occur.	SCC wishes to see mitigation that leads to sustainable travel delivered upon commencement of works and that additional highway capacity and parking capacity is not commenced until the SAC are met. See also comments at ref 17 above.	Uncertain
19	Securing mitigation	SCC is concerned that "if the AMR shows that the mode share commitments have not been met or, in GAL's reasonable opinion, suggests they may not be met (having regard to any circumstances beyond GAL's control which may be responsible)", GAL has the opportunity to prepare an action plan for the next two years to address any shortfall but that there does not appear to be any sanction if the SAC are not met by that time.	SCC wishes to see growth delivered in a sustainable way, such that the SAC are met before further growth in passenger and staff numbers is allowed. See also comments at ref 17 above.	Uncertain
20	Securing mitigation	SCC is concerned about the impact of construction of the SAC on its road network.	SCC wishes to see mitigation during the Longbridge Roundabout construction, A23 reconstruction and Balcombe Road Bridge installation. SCC require the Applicant's	Uncertain

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			construction to operate as per the proposed routing via the M23 spur with minimal use of SCC's network	
21	Securing mitigation	The Applicant has not entered into discussion with SCC in relation to the interaction of the Project with the Lane Rental and Permit Schemes in operation within Surrey.	The Applicant needs to engage with SCC regarding consideration of Lane Rental schemes as well as the Permit scheme within the DCO.	Uncertain
22	Securing mitigation	The entrance to the Longbridge Roundabout compound is not defined.	SCC requests that further information is provided for the Longbridge construction compound. The existing access is considered inappropriate as detailed in the LIR.	Likely
23	Securing mitigation	SCC is concerned that separate entrances to the South Terminal compound are proposed for HGVs (from the roundabout) and private vehicles (from Balcombe Road). This implies that an extended journey on the local road network is required.	SCC wishes to see all access to the South Terminal compound from the South Terminal Roundabout.	Uncertain
Drainag	e and impact on Lead Local Flood Auth	ority		
24	Protective Provisions for Lead Local Flood Authority	Protective Provisions for Lead Local Flood Authority in respect of Ordinary Watercourses are not in dDCO.	Protective Provisions must be agreed and included in the DCO. SCC has provided an example from a made DCO within Surrey.	Uncertain
25	Revisions required to Code of Construction Practice Annex 1 Water Management Plan	Revisions required relating to temporary diversion of an ordinary watercourse, discharges to a watercourse and ordinary watercourse consent.	Revisions required	Likely

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			amended/be included in order	concern being
			to satisfactorily address the	addressed during
Noise			concern	Examination
26	Air noise - Threshold and scope of	The ES only considers the Leq metric for LOAELs and	Inclusion of assessment for a	Uncertain
20	<u> </u>	SOAELs. In doing so it makes reference to national policy.	wider range of criteria, including	Uncertain
	LOAELs and SOAELs	The consideration only of Leq as a metric is too narrow as it	but not exclusively, awakenings,	
		does not represent all the effects of air noise and other	N above contours in addition to	
		metrics should be applied to the decision processes within	the Lden and Lnight.	
		the project to inform impact and mitigation (see ref 27	More recent information used	
		below). In determining the LOAELs and SOAEL more recent	to calculate significance of	
		data, including planning decisions and revised health	effects.	
		assessment criteria need to be applied. The health impact	chects.	
		of noise is likely to be a significant under estimate of the		
		noise impact in view of the choice of LOAELs and SOAEL.		
		(See LIR NV4)		
27	Air noise - No attempt has been	Context is provided to the assessment of air noise through	Provide some commentary	Uncertain
	made to expand on the assessment	consideration of the secondary LAmax, overflight, Lden and	about how secondary metrics	
	of likely significant effects through	Lnight noise metrics. However, no conclusions on how	relate to likely significant effects	
	the use of secondary noise metrics.	these secondary metrics relate to likely significant effects	and whether the assessment of	
		have been made so their use of in terms of the overall	secondary metrics warrants	
		assessment of likely significant effects is unclear.	identifying a likely significant	
			effect.	
28	Air noise - Properties that are	It is important to identify how many properties are newly	Identify how many and the	Likely
	newly exposed to noise levels	exposed to noise levels exceeding the SOAEL to determine	location of properties newly	
	exceeding the SOAEL are not	compliance with the first aim of the ANPS.	exposed to noise levels	
	identified		exceeding the SOAEL.	
			Identify how many properties	
			are exposed to noise levels	
			exceeding the SOAEL for both	

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			the Central Case and the Slower Transition Case.	
29	Ground noise – issues with the ground noise modelling and assessment. The assessment should consider the Slower Transition Case as per the aircraft noise assessment.	There are issues with the ground noise modelling as discussed in the LIR. Higher levels of ground noise will be identified in the Slower Transition Case. Consequently, there is potential for receptors to experience significant noise effects that are not identified in the Central Case assessment.	Production of ground noise contour maps for the assessment years as produced for air noise and road traffic noise. An assessment of Slower Transition Case ground noise effects should be provided to identify the potential for exceedances of the SOAEL at sensitive receptors and eligibility for noise insulation on a precautionary basis.	Uncertain
30	Construction noise - Significant construction noise effects	Residual significant construction noise effects should be controlled through mitigation. Insulation will be provided, but it is not clear if this would be sufficient mitigation to reduce significant noise effects.	(See LIR Ref. NV11) Provide more detail on noise control measures within the Code of Construction Practice as set out in the LIR (Refs. NV1, NV2 and NV3)	Likely
31	Noise envelope – not policy compliant nor fit for purpose	SCC considers there are substantial deficiencies in the Noise Envelope that need to be addressed before it could be considered fit for purpose. The proposed monitoring, review and enforcement of the Noise Envelope is not	Development of an environmentally managed growth approach which would include the noise envelope and a monitoring, reporting, and	Uncertain

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		agreed. SCC would like to see an environmentally managed growth approach to implementation and enforcement.	modelling regime that enables the airport's growth to be accurately recorded and predicted and with appropriate governance that includes local authorities to scrutinise the monitoring and enforce environmental limits. (See LIR Ref. NV6).	
32	Noise envelope - Sharing the benefits	No details on how benefits of new aircraft technology would be shared between the airport and local communities are provided. Sharing the benefits has not been removed from national aviation policy and is a fundamental part of the noise envelope.	Details on how noise benefits are shared in accordance with policy requirements set out in the Aviation Policy Framework (see LIR Ref. NV6).	Uncertain
33	Noise envelope – Incentives to achieve faster fleet transition	Basing the noise envelope contour limits on the Slower Transition Case means there is no incentive to push the transition of the fleet to quieter aircraft technology. Furthermore, a first review of the contour 9 years after opening or when 382,000 Air Traffic Movements is achieved provides limited incentive for GAL to achieve a faster fleet transition and secure noise benefits.	Noise contour area limits should be based on the Central Case. The DCO should provide for 5 yearly (or more frequent) reviews of the Noise Envelope as part of an environmentally managed growth approach (see Ref. 31 above and LIR Ref. NV6).	Uncertain
34	Noise envelope - Annual noise contour limits	Noise contour area limits relate only to the 92-day summer period. There should be additional noise contour area limits in place to control growth during periods of the year outside the 92-day summer period.	Annual noise contours should be included in the Noise Envelope	Uncertain
35	Noise envelope - Flexibility of noise contour area limits to account for	GAL wants flexibility to increase noise contour area limits depending on airspace redesign and noise emissions from	There should be no allowance for the noise envelope limits to	Uncertain

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	airspace redesign and future aircraft technology	new aircraft technology. If expansion is consented, any uncertainties from airspace redesign or new aircraft technology should be covered within the constraints of the Noise Envelope.	increase as a result of these factors. (See LIR Ref. NV6)	
36	Noise envelope - CAA to regulate the Noise Envelope; mechanism needed to involve relevant local authorities in regulation	To date, the CAA have not accepted a role regulating the Noise Envelope. There is no mechanism for host authorities to review Noise envelope reporting or take action against limit breaches or review any aspects of the Noise Envelope.	A mechanism should be included to allow local authorities to have a role in scrutinising Noise Envelope reporting, enforcing limit breaches or reviewing any aspects of the Noise Envelope. This should be secured as part of an environmentally managed growth approach - see Ref 31 above.	Uncertain
37	Noise envelope - Adoption of an action plan	A breach would be identified for the preceding year, with an action plan in place for the following year. Consequently, it would be two years after a breach before a plan to reduce the contour area would be in place.	More forward-planning needs to be adopted to ensure that action plans are in place before a breach of the noise contour area limit occurs. This should be secured as part of an environmentally managed growth approach - see Ref 31 above.	Uncertain
38	Noise envelope - Two consecutive breaches to occur before capacity declaration restrictions	24 months of breach would be required before capacity declaration restrictions for the following were adopted. Consequently, it would be three years after the initial breach before capacity restrictions were in place.	More forward-planning needs to be adopted to ensure that action plans are in place before a breach of the noise contour area limit occurs. This should be	Uncertain

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			environmentally managed growth approach - see Ref 31 above.	
39	Noise envelope - Prevention of breaches	The proposed approach to ensuring the noise envelope is not breached is not robust in terms of the timing when action would be taken, against a forecast breach, and the ability to manage slot allocation. As proposed, slots could already have been allocated to airlines such that a breach could not be prevented. No details are provided on what kind of actions are proposed to achieve compliance in the event of a forecast breach	Details on actions to be adopted to prevent a breach should be provided as part of an environmentally managed growth approach (see Ref 31 above).	Uncertain
40	Noise envelope - Prevention of breaches	The proposed approach to ensuring the noise envelope is not breached is not robust in terms of the timing when action would be taken. Thresholds (cf. Luton's Green Controlled Growth approach) that prompt action before a limit breach occurs and forward looking noise budgets should be used to ensure that the noise envelope is not breached.	Adopt a set of thresholds that trigger preventative action and require forward looking noise budgets to prevent breaches of limits should be included as part of an environmentally managed growth approach and secured through DCO requirements (see Ref 31 above).	Uncertain
41	Noise envelope - Capacity declaration restrictions as a means of managing aircraft noise	This is not an effective means of preventing future noise contour limit breaches and thresholds and forward looking noise budgets should be used to control the allocation of slots to ensure that the noise envelope is not breached.	Slot restriction measures should be adopted to ensure the noise envelope is not breached This should be included as part of an environmentally managed growth approach and secured	Uncertain

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			through DCO requirements (see Ref 31 above).	
42	Noise insulation scheme - How would the scheme roll out	Residents of properties within the inner zone will be notified within 6 months of commencement of works, however, it is not clear how the noise insulation scheme would prioritise properties for provision of insulation.	Provide details on how the scheme would roll out and prioritisation to ensure effective and timely installation. This should include a market test of the availability of contractors and insulation materials and an annual target regularly updated to ensure it is fit for purpose in terms of monetary values and any changes to Govt. policy.	Likely
43	Noise insulation scheme - eligibility	The air noise insulation scheme is only based on average Leq contours rather than single mode contours and is confined to Leq metrics.	The scheme must reflect the on- the-day noise experience of residents and this is better represented by single mode contours and additional metrics (see LIR Ref. NV5).	Uncertain
44	Noise insulation scheme - Provision of different types of noise insulation, ongoing maintenance/replacement and addressing overheating	Is noise insulation in the Outer Zone restricted to ventilators or will the occupier have flexibility to make alternative insulation improvements? There appears to be no provision for the ongoing maintenance / replacement costs of the noise insulation with this cost simply passed to the owner. A lack of measures to prevent overheating in noise insulated homes especially in the summer months at night would occur if windows are required to be closed to	Clarity on the flexibility of the noise insulation scheme, maintenance and addressing overheating concerns. (See LIR Ref. NV5).	Likely

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		achieve good acoustic conditions. Acoustic ventilators may not have sufficient cooling capability to deal with the issue of overheating.		
45	Noise insulation scheme - Measurement of ground noise to identify eligibility	It is unclear how noise monitoring would be undertaken to determine eligibility through cumulative ground and air noise. Properties that may experience cumulative levels of air and ground noise that would include them in the NIS Outer Zone should be screened for monitoring and offered an insulation package if eligible.	Provide details on how monitoring of ground noise would be undertaken and how a property would be identified as appropriate for monitoring of ground noise. Houses that need insulation should be identified prior to the commencement of the project opening (currently 2029) and insulated, not after the project has opened.	Likely
46	Noise insulation scheme - How will effective insulation requirements be determined	It is unclear if a property in the Inner Zone would be assessed to determine the most effective means of insulation.	Provide details on how Inner Zone properties would receive the most appropriate and effective insulation packages	Likely
47	Noise insulation scheme - Noise insulation for community buildings	Schools are included in the Noise insulation Scheme, but it is unclear if other community buildings (e.g. care homes, places of worship, village halls, hospitals etc.) would be eligible for noise insulation.	Provide details on what community buildings would be eligible for noise insulation and what level of insulation would be provided.	Likely
48	Noise insulation scheme - Properties that have already received insulation	It is not clear if properties that have already received insulation would be eligible for upgraded noise insulation as part of the new scheme.	Clarification on how properties that have already received	Likely

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			insulation would be treated under the new scheme	
49	Loss of amenity outside space	Access to outdoor space is important for health and wellbeing, but noise insulation will not reduce levels likely to cause annoyance outside including in gardens.	An appropriate compensation scheme where existing properties are permanently affected (See LIR Ref. NV16).	Unlikely – although the Applicant has proposed financial compensation before .
Employ	ment and Skills and Socio economic			
50	Assessment methodology - No consideration of effects at a local authority level.	There is no assessment of effects undertaken at a local authority level. The impacts of the project on key variables such as employment, labour market, housing (including affordable), social infrastructure and temporary accommodation need to be assessed.	GAL should undertake an assessment of project impacts on each local authority.	Unlikely
51	Assessment of significant effects	Queries remain in relation to the significance of effects during the first year of operation, operational effects and cumulative effects. These include overlap with other schemes and potential labour supply issues, magnitude scoring used and need for assessment at local authority level.	GAL should revisit the assessments based on the comments. GAL should also undertake an assessment of impact at local authority level for those authorities based in the FEMA.	Uncertain
52	Assessment of population and housing effects – vacant properties	GAL provides an analysis of vacant properties, which implies that bringing these back into use will help meet the demand generated by non-home based workers. There is no analysis of why these properties are vacant, length of time vacant and barriers to bringing them back into use.	A more robust assessment of private rented market is required. GAL needs to consider how it can help to bring these properties back into use, both in the short term by the non-home based workers but also by bringing a benefit to local areas and bringing properties back	Unlikely

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			into use by local population once construction is complete.	
53	Assessment of population and housing effects – impacts on affordable housing	Paragraph 7.5.1 of the Assessment of population and housing effects recognises that the project is likely to generate demand for affordable rented housing which is greater than the number of homes in the existing stock. If this exercise is done at a local authority level, then the figures are very different and the true impacts local impact could be seen. The assessment concludes that despite the demand from the project being skewed towards affordable housing, there are unlikely to be impacts on affordable housing beyond what is emerging or planned for. Given that affordable housing delivery does not currently meet need, the conclusion does not appear well founded.	GAL should substantiate the conclusion that the project is unlikely to have any impact on affordable housing demand. The analysis should be updated at a local authority level to help identify issues which need to be planned for and mitigated.	Uncertain
54	Gatwick Construction Workforce distribution technical note – distance travelled to work date	Additional information is requested in a number of areas: - Does the Construction Industry Training Board data in terms of average distance workers travel to sites for each region of the UK adequately consider differences that exist within local geographies. - Where Census 2011 data is being relied upon for analysis, there needs to be acknowledgement this could affect the accuracy of home-based (HB) and non-home based (NHB) worker estimations. The gravity model used to identify the split of HB and NHB workers does not appear to take account of current local labour supply constraints locally.	GAL should review their approach to this assessment and apply relevant assumptions to the modelling to address concerns raised.	Unlikely

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55	Gatwick Construction Workforce distribution technical note - Private rented sector (PRS) accommodation	Details are provided of allocation of NHB workers by local authority vs supply of private rental sector beds. Table 6-5 presents PRS bed supply for 2021 by local authority but it isn't clear how these figures have been derived given Paragraph 3.5.2 advised the data on bedrooms was gathered from the 2011 Census. In addition, whilst the figures present PRS bed supply, they do not advise on the availability of accommodation. In the light of a declining supply of rental accommodation and feedback from local authorities on limited availability this would seem to be a significant omission.	GAL should review other potential sources that could inform a more up-to-date understanding of available private rented accommodation. This could include liaison with local authorities in the FEMA.	Uncertain
56	Employment and Skills Business Strategy - Lack of information on implementation plan, performance, measurable targets, funding and financial management, monitoring and reporting. Route map from ESBS to Implementation Plan is not identified.	Options identified in the ESBS are not necessarily directly aligned with local specific issues and need. The document states that performance, financial management, monitoring and reporting systems will be set out in detail in the Implementation Plan. It is unclear why GAL is unable to provide further details within the ESBS in order to provide sufficient reassurance that appropriate systems will be in place. The ESBS also provides no explanation on whether it would differentiate between the provision and outputs offered through the DCO vs. provision and outputs offered in a Business as Usual (BAU) scenario. Furthermore, the ESBS does not set out any process for how the Implementation Plan would be developed.	GAL should provide more detail on tailored initiatives align to local need. This should include relevant baseline information to demonstrate local need. GAL should provide details on performance, financial management, monitoring and reporting to be developed further as part of an Implementation Plan. GAL should explain the difference in BAU and DCO scenarios in terms of provision and outputs. A route map is required to explain the process from ESBS to Implementation Plan.	Uncertain

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57	Gatwick Community Fund	Insufficiency of Gatwick Community Fund amounts.	Detail was provided in the draft S106 shared in Feb 2024. The local authorities have provided initial comment to the Applicant and are firmly of the view that the fund proposed is insufficient.	Likely
Public H	ealth, including air quality			
58	Consideration of cumulative impact on key neighbourhoods	Parts of Horley and Charlwood will be affected by both construction and operation of the project. Horley Central and South is one of the most deprived LSOAs in Surrey and the full cumulative impact of construction and operation phases of the project must be considered, including the short and long term effects on physical and mental well being and health.	Evidence that cumulative impacts, particularly for vulnerable group populations have been considered and adequate mitigation measures proposed. We note that the Applicant is to provide signposting regarding the provision of data on health and well-being and cumulative impact at deadline 2.	Uncertain
59	Health impact of ultrafine particles	That the health impact of ultrafine particles appears to be understated and that there is a lack of any plans to undertake long term residential real time monitoring of ultrafine particles, both number and size distribution, using equipment used on the UK national network	Request for the local authority real time (NOx, PM, ozone) and diffusion tube monitoring to be funded (revenue and capital replacement costs to 2047 or 389,000 movements. This has not been reflected in the draft S106 provided in Feb 2024. Further negotiation required.	Uncertain

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60	Assessment of true pollutant concentrations in the period 2029 - 2032	Separation of construction and operational assessments over the period 2029 to 2032 is likely to result in an underestimation of the 'true' pollutant concentrations experienced by residents during this period.	Request for combined assessment. We note that the Applicant has provided a technical note on air quality at Deadline 1. This information is currently being reviewed.	Uncertain
Heritag	e			
61	Written Scheme of Investigation for Post-Consent Archaeological Investigations – Surrey	The sampling strategies set out in paragraphs 6.2.17 and 6.2.18 are not wholly acceptable as they do not conform to the minimum standards adopted by the council for the examination of archaeological features	The Applicant proposes incorporating into updated Written Scheme of Investigation.	Likely
Rights o	of Way			
62	Additional complimentary RoW improvements not fully explored	The scheme has not fully explored how further improvements to the Rights of Way network around the airport could increase opportunities for sustainable travel from surrounding residential areas such as Charlwood, Hookwood and Povey Cross.	Inclusion of additional active travel improvements and consideration of how wider infrastructure improvements can be enabled through the various funds being made available.	Uncertain
Landsca	pe and Visual			
63	The approach to and judgements within the Landscape and Visual Impact Assessment	Range of concerns, including quality of visualisations, approach to tranquillity assessment, treatment of undesignated landscapes and assessment of effect. As set out in the LIR a number of requests remain in relation to visualisations including need for photomontages for both construction and operation and fully rendered	Addressing of concerns relating to the assessment.	Uncertain

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		photomontages for key near and middle-distance viewpoints. For the tranquillity impact on SHNL, the Applicant to provide further justification for why an increase in overflight of up to 20% is not considered significant.		
64	Consideration of the potential changes to the Surrey Hills AONB boundary	It does not appear that this has been considered.	Consideration in assessment.	Uncertain
65	The loss of or change in existing green infrastructure, including potential loss of important or historic hedgerows and existing greenspace.	Information on general rather than detailed loss is provided in the documentation.	Detailed plans showing extent of vegetation loss. SCC note that an Arboricultural Impact Assessment has been submitted at deadline 1. SCC has not fully reviewed yet.	Likely
Biodive	rsity and ecology			
66	The extent of loss of mature broadleaved woodland (and other habitats)	It is not clear from the application document how much woodland is being lost and how much is being enhanced / replanted. The same is true for other habitats. The ecology chapter for the ES does not quantify the amount of loss or compensation. A reference is made to these figures being included in Biodiversity Net Gain (BNG) assessment however this information is not clear within the BNG report (screenshots of the BNG metric have been provided – but this is difficult to navigate and is difficult to review). The impact assessment should quantify the loss to accurately describe the impact. In addition, this information would aid with understanding and transparency.	GAL should quantify losses and replacement habitat in the Ecology chapter for the ES. Additional compensation is required for the mature woodland loss. Especially considering the lag time for newly planted woodland to mature and reach target condition. The BNG metric should be supplied in Excel format to aid	Likely

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			with review of information. Habitat parcels should be clearly referenced in figures and the Excel metric so that the two can be easily cross referenced and to aid with clarity over what compensation / enhancement is proposed.	
67	Bat roost surveys of trees have not been undertaken	The ecology chapter for the ES states: 'A total of 43 trees within the surface access improvements boundary were identified as having bat roost potential and of these 36 would be lost. They comprised nine with High roost potential, 28 with Medium roost potential and six with Low roost potential'. No bat roost surveys of 'high' or 'medium' trees proposed for removal have been carried out to inform the baseline and impact assessment. This contravenes policy in relation to protected species. ODPM circular 06/2005 states: 'The presence of a protected species is a material consideration when a planning authority is considering a development proposal that, if carried out, would be likely to result in harm to the species or its habitat It is essential that the presence or otherwise of protected species, and the extent that they may be affected by the proposed development, is established before the planning permission is granted, otherwise all relevant material considerations may not have been addressed in making the decision. The need to ensure ecological surveys are carried	Bat roost surveys of trees are required before determination. Rare bat species have been recorded during other bat surveys and as such, there is uncertainty and lack of information on the status of roosting bats within the application. Surveys are required to inform impacts and mitigation / compensation for roosting bats.	Unlikely given survey timing restrictions

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		out should therefore only be left to coverage under planning conditions in exceptional circumstances, with the result that the surveys are carried out after planning permission has been granted'.		
68	Lack of information on reptile and great crested newt (GCN) mitigation	The ecology chapter for the ES states that reptile and GCN mitigation will involve translocation to receptor sites and where relevant, European Protected Species Licences would be applied for post DCO consent. However, no detailed information is provided for the reptile and GCN mitigation strategy, for example: • Where are the receptor sites? Reference is made to Longbridge Roundabout, Museum fields and other mitigation areas but there is no detail as to which one of these has been chosen to be the receptor locations for reptiles and GCN. • No methodology or timings information for the mitigation strategies.	Additional information has been provided in the Applicant's SoCG response. This should be included within the submission documentation. It remains unclear whether residual impacts have been assessed appropriately without having an outline mitigation strategy in place.	Likely
69	No compensation provided for loss of ponds	The ecology chapter states that no replacement ponds will be provided within the application site due to airport airstrike safety. This is fully justified however, it is not understood why off-site provision of new ponds has not been considered.	It remains unclear why replacement ponds could not be provided off-site – preferable within the nearby Biodiversity Opportunity Areas to maximise ecological opportunities / outcomes.	Uncertain
70	Longbridge Roundabout Mitigation area (Gatwick Dairy Farm)	Clarification is required as to what the legal mechanism will be adopted for the management and maintenance of Longbridge Roundabout Mitigation area (Gatwick Dairy Farm). It is assumed that land will be compulsory	Clarification required on legal mechanism for management and maintenance of Longbridge Roundabout Mitigation area (Gatwick Dairy Farm). No	Likely

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		purchased and all future management and maintenance of the land would be the responsibility of GAL.	further information has been provided.	
71	Biodiversity Net Gain (BNG) baseline assessment methodology	The BNG baseline has been calculated excluding those areas of the site which will not be impacted by the proposals (i.e airfield grassland). This is a non-standard approach and it is assumed that this approach has been adopted so that net gain can be achieved from a lower baseline value (i.e. net gain is easier to achieve as baseline value is lower).	The BNG assessment should follow standard practice. The baseline BNG value of the site should include all habitats within the DCO application boundary. It is currently unclear whether the application would achieve net gain as the baseline value which has been used does not include all habitats within the DCO application site.	Likely
72	Need to adopt a landscape scale approach to assessing and addressing ecological impacts	Ecological impacts will extend beyond the project site boundary with potential impacts on bat populations, riparian habitats downstream of the airport and the spread of non-native aquatic species. Disturbance and habitat severance within the airport, including the removal of woodland, trees and scrub along the A23, will impact the functioning of wildlife corridors, notably bat commuting routes both within the site and the wider landscape. Maintenance of habitat connectivity across the airport and wider landscape remains a concern.	GAL should adopt a landscape scale approach to assessing and addressing ecological impacts, including the need to provide off site mitigation, compensation and BNG. SCC would expect enhancements to green corridors and improved habitat connectivity to extend beyond the confines of the airport, along key corridors such as the River Mole and Gatwick Stream. The local authorities are requesting a landscape and	Uncertain

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			ecology enhancement fund to target landscape enhancement.	
73	Additional opportunities for biodiversity enhancement	Many potential opportunities for biodiversity enhancement, both within and outside the Site, were never explored. For example, conversion of 'amenity grassland' currently present on road verges and roundabouts within the Site to wildflower grassland through reduced mowing and/or re-seeding with wildflowers, and the improved management of Gatwick Stream and Crawter's Brook.	Explore further opportunities for biodiversity enhancement, both within and outside the Site. The local authorities are requesting a new role to manage the above fund and support delivery of projects.	Uncertain
74	Security of long term positive management of the two existing biodiversity areas managed by GAL, the North West Zone (NWZ) and Land East of the Railway Line (LERL)	The North West Zone (NWZ) and Land East of the Railway Line (LERL) are of considerable biodiversity value and key components of the ecological network. Any loss or degradation could have significant impacts on the effectiveness and viability of the proposed mitigation areas. ES Ch. 9 Section 9.6.172 states that 'Positive work through the GAL Biodiversity Action Plan (BAP) is likely to continue'.	The Applicant's SoCG response confirms that the NWZ will be included in the LEMP for the River Mole and the LERL within the LEMP for works in that area. SCC would like to see this confirmed within an updated oLEMP.	Likely
75	Gatwick Greenspace partnership	Continued support for the Gatwick Greenspace Partnership is proposed to be included within the new NRP Section 106 Agreement. Engagement is required with partners on proposals.	Clarification required as to why this has not been included within the S106 provided in Feb 2024 as set out in the Planning Statement.	Likely
Carbon	and Climate Change			
76	Legislation, policy and guidance - Impact of Emissions Trading Scheme (ETS)/CORISA.	It's not clear if GAL considers the impact of changes to ETS/CORISA in aviation forecasts used to develop the 'need case'.	Confirmation of whether the impact of ETS/CORISA changes have been taken into account?	Likely

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77	Baseline information review - GHG emissions from airport buildings and ground operations does not appear to include maintenance, repair, replacement or refurbishment emissions.	The scope of the GHG emissions arising from airport buildings and ground operations does not appear to cover maintenance, repair, replacement or refurbishment emissions. Therefore, this would under account the operational GHG emissions. It is not clear what is captured under "other associated businesses".	Under the IEMA GHG Assessment methodology used in the ES, the Applicant must update the assessment to evidence that exclusions are <1% of total emissions and where all such exclusions total a maximum of 5%.	Likely
78	The unsustainable growth of airport operations may result in significant adverse impacts to the climate.	Growth may lead to unsustainable surface access transportation and airport operation growth.	To monitor and control GHG emissions during the project construction and operation it is suggested a control mechanism similar to the Green Controlled Growth Framework submitted as part of the London Luton Airport Expansion Application, is provided. Implementing such a framework would make sure that the Applicant demonstrates sustainable growth while effectively managing its environmental impact. Within this document, the Applicant should define monitoring and reporting requirements for GHG emissions for the Applicant's construction activities, airport operations and surface access transportation. Emission limits	Uncertain

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			and thresholds for pertinent project stages should be established. Should any exceedances of these defined limits occur, growth should be halted.	
79	GAL does not identify the risks associated with using carbon offset schemes.	Document 5.4.2, Section 1.14 This states that, "In 2016/17, we achieved 'Level 3+ - Neutrality' status under the Airport Carbon Accreditation scheme, which is a global carbon management certification programme for airports (Ref 1.1). GAL has been working hard to reduce carbon emissions under GAL's control (from a 1990 baseline) and offset the remaining emissions using internationally recognised offset schemes." The scientific community has identified various risks around using offsetting schemes to claim net zero or carbon neutrality. GAL should specifically state which offset scheme they intend to use so research can be conducted into the trustworthiness of the scheme.	GAL should state if they comply with the Airport Carbon Accreditation Offset Guidance Document which specifies the type of offsetting Schemes that need to be used. In addition, and where reasonably practical, GAL should seek to utilise local offsetting schemes that can deliver environmental benefits to the area and local community around the airport. These should align key offsetting principles.	Likely
80	If the Applicant does not provide infrastructure or services to help decarbonise surface transport emissions it may have the potential to result in the underreporting of the Project's impact on the climate.	The Applicant must actively promote the transition to a decarbonised economy, incentivising airport users to adopt low-carbon technologies like electric cars and public transportation systems.	The Applicant should provide infrastructure within the Airport to support the anticipated uptake of electric vehicles and provide electric vehicle charging infrastructure. Additionally, the	Uncertain

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	The full impact of the Proposed Development on the government meeting its net zero targets cannot be identified.		Applicant should support measures such as Green Bus programmes.	
	evelopment Consent Order			
81	Revisions required to Article 22 Discharge of Water	Ordinary watercourses are not adequately addressed	Appropriate wording in relation to ordinary watercourses to be included	Uncertain
82	Revisions required to the definition of "commencement"	In particular, the implications arising from certain operations which fall outside that definition and which do not appear to be controlled (article 2(1), interpretation);	Revisions required. Owing to the absence of justification for each exemption, the councils consider these works should be subject to the approval of either the local planning authority or local highway authority.	Uncertain
83	Article 3 (development consent etc. granted by Order)	Use of the wording "construct, operate and use"	Justification for drafting required	Uncertain
84	Article 9 (planning permission)	Confirmation required around which planning permission and conditions the applicant is concerned about	Justification required	Uncertain
85	Article 21 Agreements with highway authorities	The need for highway authorities to agree template agreements before the end of the Examination with the applicant under article 21 (agreements with highway authorities)	The Applicant and SCC intend to agree template article 21 agreements, based on the council's existing section 38 and 278 agreements.	Likely
86	Article 10 Consideration of Highway authority Lane Rental and Permit Scheme	The disapplication of several provisions of the New Roads and Street Works Act 1991 without the application of the relevant highway authority's permit scheme (article 10; application of the 1991 Act).	SCC has provided details of how the Surrey Permit Scheme has been incorporated within a made DCO.	Uncertain

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		The Applicant must explain why the disapplication of the cited provisions is relevant to this project.		
87	Article 11 Street works	The way in which street works are controlled under article 11 (street works). It departs from most precedents by authorising interference with any street within the Order limits, rather than those specified in a schedule.	Revisions required. The usual cross-reference to a schedule should be included.	Uncertain
88	Deeming provisions	The inclusion of deeming provisions in articles 12(4) (power to alter layout, etc. of streets), article 14 (temporary closure of streets), 18 (traffic regulations), 22 (discharge of water), and 24 (authority to survey and investigate the land) For example, for Article 12 (power to alter layout, etc. of streets) the key factor in determining an application expeditiously is the quality of the submission. It is often necessary for the highway authority to request revised submissions (sometimes several requests are needed) and Applicants do not always provide the requested material in good time. A sub-standard submission and an Applicant which does not provide revised submissions timeously can lead to applications taking longer than 56 days (and, occasionally, substantially longer than 56 days) to determine. There is no question of a local highway authority consenting a submission which is sub-standard because of the risk of compromising highway safety. Owing to this, and given the deeming provision, SCC and WSCC would have to refuse the application and follow the procedure under paragraph 4 (appeals) of Schedule 11 (procedures for approvals, consents and appeals) to the	Revisions required. SCC consider that there should be no deeming provision.	Uncertain

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		dDCO. SCC and WSCC consider it would be more sensible for the deeming provision to be omitted.		
89	Article 14 (temporary closure of routes)	The standard to which alternative routes must be provided under article 14(5) (temporary closure of streets). The Applicant should provide a temporary substitute street which is not of a lower standard than the street that was closed where an alternative of that standard is available.	Revisions required to article 14. Firstly the streets should be referenced in a schedule. Drafting changes to clarify standard to which alternative routes must be provided.	Uncertain
90	Article 16 New means of access	The proposal to allow the applicant to create new means of access without the street authority's consent under article 16 (access to works)	Revisions required. Regarding article 16(1), the Authorities consider only the words "and with the consent of the street authority and no consent to be required in respect of airport roads" should be added.	Uncertain
91	Article 18 Traffic regulations	How the "instrument" referred to in article 18(6)(a)(traffic regulations) will be accessed	Revisions required. Absent reasonable justification, paragraph (1) should also be subject to the traffic authority's consent. Detail required on "the instrument" referred to. Who will "hold it" and how will it be published.	Uncertain
92	Article 25 which relates to trees and hedgerows	Hedgerow works are excluded from the definition of "commencement" (art.2) but this article controls hedgerow works so further explanation is needed as to how they work together	Revisions required. The Article should include a Schedule and a plan to specifically identify the hedgerows to be removed.	Uncertain

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93	Article 31 (time limit for exercise of authority to acquire land compulsorily)	The usual period of five years is doubled. Further information about project complexity is required	Justification required. The time period should be reduced to 5 years, starting when the order comes into force, rather than the "start date".	Uncertain
94	Article 40 (special category land)	Timing of vesting of special category land	Justification for applicant's approach required. Why should the vesting of open space in the Applicant not wait until a scheme for the provision of replacement land as open space has been implemented to the satisfaction of the relevant body.	Uncertain
95	Article 48 (Defence to proceedings in respect of statutory nuisance) Exemptions are proposed from large parts of section 79(1) of the Environmental protection Act without adequate justification	Residents should be able to bring nuisance action as they can at present	Justification for exemptions required. Revisions required to ensure it is not so wide-ranging	Uncertain
96	Inclusion of hotels as authorised development	Further justification requested in relation to inclusion of work nos 26, 27 and 28 as authorised development. This relates to concerns related to parking provision.	Justification required. Control documents to contain adequate controls on the provision of additional on-airport parking.	Uncertain
97	Drafting of requirements in Schedule 2	including: the drafting of "start date" (R.3(2) (time limits and notifications); the 14-day notification period in R3(2); why some documents must be produced "in accordance with" the certified documents and others must be	Revisions required to address inconsistencies.	Uncertain

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		produced either "in general accordance" or "in substantial accordance" with them;		
98	Drafting of Requirement 14 (archaeological remains)	Within Surrey, SCC should be the discharging authority for this requirement	References to the local planning authority should be replaced with the county Archaeologist from a Surrey context	Likely
99	Drafting of Requirement 15 (air noise envelope)	The Air Noise Envelope is not considered fit for purpose as it does not align with policy requirements. In addition there is no role for any local authority control in this requirement. A mechanism should be included in the DCO to require the CAA to involve the local authorities and other key stakeholders in scrutinising noise envelope reporting.	The air noise envelope provision should include: -A "mitigate to grow approach" An Environmental Scutiny Group (ESG) including local authorities -Appropriate enforcement powers for the ESG -Establish appropriate sanctions for technical and limit breaches -Integrate existing noise controls into the noise envelope	Uncertain
100	Drafting of Requirement 18 (noise insulation scheme)	Justification is required on a number of points, such as why the time limits in the requirement have been chosen.	Drafting revisions to ensure the requirement is enforceable and precise. The local authorities require amendments to ensure provisions in the scheme are consistent with their proposed metrics and thresholds.	Uncertain
101	Drafting of Requirement 19 (airport operations)	Greater specificity is required. R.19(2) would restrict dual runway operations to 386,000 commercial air transport movements per annum. The	Revisions required	Uncertain

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		Councils consider a control on total air transport movements per annum would be preferable. R.19(3) allows the use of the northern runway between the hours of 23:00 - 06:00 when the southern runway is not available for use "for any reason". The Councils consider "for any reason" to be too broad and considers the use of the northern runway between these times should only be used when the southern runway is not available because of planned maintenance and engineering works. The requirement needs to restrict use of the northern runway to departures and to Code C aircraft or smaller (the basis of the current proposals and assessments in the ES)		
102	Drafting of Requirement 20 (surface access)	The dDCO gives too much flexibility in allowing the development to proceed with only retrospective checks to see if the mitigation proposed is delivering results. This is reactive and ineffective, in particular in considering whether the development is appropriate for the communities who may be affected by the adverse impacts of the development and whether there is sufficient amelioration of those impacts. R20 appears to say that the operation can only be carried on if there is adherence to the surface access commitments but when those surface access commitments are considered more carefully they are toothless in terms of constraining any activity at the airport.	SCC considers it as more appropriate to have clear steps set out in the DCO to regulate the growth and clear sanctions should the mitigation measures not be achieved. The Luton airport expansion is currently before the Secretary of State with proposals which seek to manage growth as the Authorities suggest, i.e. green controlled growth (which is set	Uncertain

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		The intention is that the surface commitments will be a certified document, and Requirement 20 requires the operation to be in accordance with those commitments. For example, the mode shift target of 55% has to be tested three years after the commencement of operations. If this is not achieved, the monitoring arrangements in the SAC envisage a reporting process and preparation of action plans for future activity. However, there is no commitment to curtail operations either during the period of the preparation of action plans or until such time as the targets are met. Therefore, this target does not actually constrain the operation of the airport.	out in Part 3 of Schedule 2 of the Luton dDCO. The Secretary of State will have to decide, in deciding that development consent order, whether those controls are necessary, but it is clearly relevant that the operator and promoter of that development consider that managed growth is workable and they are putting that forward as the way in which they will achieve both their growth but also achieve the environmental objectives.	
103	Schedule 11 (procedure for approvals, consents and appeals)	the 8-week for determining significant applications. It would be more straightforward if the major works had their own deadlines.	Revisions required	Uncertain
104	DCO schedules and plans	Amendments required to address inconsistencies and errors as detailed in Surrey LIR.	Revisions required	Likely
105	Finalisation of Section 106 Agreement	Substantial revisions required to draft S106.	A draft was shared in Feb 2024. The local authorities have provided initial comments to the Applicant.	Uncertain