



Independent Advisor Role for HCNF

Strawman for discussion

22 November 2017 Rick Norman

Heathrow
Making every journey better

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What role does it need to fill

- Provide independent advice to the group
- Be accessible to community group members
- Provide advice to members on “technical” matters & “translate” into layman terms
- Articulate “layman” concerns into technical requests/concerns/comments
- Provide independent challenge and review of issues arising at the forum (i.e. raised by Industry or community)
- Consider and present the community perspective on issues informed by regular “independent” dialogue
- Undertake specific tasks agreed by the HCNF
- Work within specified timelines and budgets
- Be credible to all stakeholders

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What skills set do we need

Experience and understanding of:

- Noise modelling
- Aviation noise management techniques & regulation
- Operating procedures
- Procedural design and airspace policy
- Air traffic Control procedures
- Handling and analysing large volumes of data
- International practices

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Who might fill that position

- Could be an self employed individual, consortium or an individual with access to a broader organisation and skill base
 - To70 (think they support LGW Community Forum)
 - NLR (done similar for some Dutch airport communities and known to HCNF)
 - Helios
 - Trax
 - Taylor Airey
 - Andersons

How do we go about selecting them

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- Agree scope and role through WG discussion and sign off at HCNF - Nov
- Invite responses from identified potential suppliers - Dec
- Use a panel of HAL/HCNF members to short list/recommend - Jan
- Agree T&Cs – Jan
- Employ – Mar

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What areas might we want them to support on ...Starter for 10...

- Departure Profiles
 - Change in heights trends
 - Benchmark with other airports – Mandated SOPS
 - Clarify minimum climb gradient NAP requirement, SOPs? NAPD1/2 etc.
 - Trade offs – noise, AQ etc.
- Noise
 - Modelling vs Measurement
 - ANCON model predictions vs monitored data
- Airspace design
 - PBN benchmarking
 - Technical advice on capabilities and practicalities
- Airport Operations
 - ATC techniques e.g. vectoring
- Aircraft performance
 - Navigational capability
 - FMS capability
- Arrival profiles
 - Steeper approaches
 - IPA