

Aviation Advisory Panel – 15th Meeting

Date: 4 October 2012

Present

PA	Paul Askew	RUK
MBn	Mark Balsdon	NATS
MBs	Michelle Betts	RAF
MC	Matt Clear	TCE
TF	Tim French	RES
CG	Chris Gormley	DECC (Chair)
FH	Fabrizio Harley	MOD
JH	Jon Hayward	DECC
NH	Neal Henley	CAA
RL	Randall Linfoot	E.on
MN	Marie Neenan	MOD
JW	Jim Wylie	AOA (phone)

Apologies

David Best	DFT
Ali Price	Met Office

1 Introduction by Chair, Apologies

CG welcomed those present, listed the apologies and proposed that, in Ali Price's absence, item 6 regarding Met Office next steps be taken as an AOB.

2. Agreement on the Remit and Future Purpose of the AAP

CG introduced the items and sought the Panel's view on the Panel's purpose, membership and regularity of future meetings given that it not meet in approximately 12 months. It was felt that the AAP had started to mirror the AMB and had lost its focus as a technical advisory body. AAP needed to be realigned as a filter body that can be tasked by AMB to deal with or investigate particular problems and solutions. There is a need for a formalised process linking to AMB and for calling meetings. CG agreed to draw up TORs.

ACTION DECC to draw up and circulate draft TORs

3. Technological Proposal: Saab Sensis

Simon Hurley and Jared Titus (by phone) from Saab Sensis gave a presentation of the Company's proposal for a wind farm mitigation solution through a modification for NATS ASR-10 and MOD Watchman radars. The Company are seeking FMB funding to support an initial demonstration phase to complete the development and bench testing of the mitigation software. AAP members raised a number of questions around the process that Saab Sensis had followed up to this point; the availability of

data and the need for systems access and the safety case for the modification. NATS and CAA agreed to work with Saab Sensis to improve their proposal prior to submission to the FMB. CG agreed to discuss with FMB Chair (Simon Heyes) ahead of 15 October meeting.

ACTION NATS and CAA to work with Saab Sensis
DECC to discuss with FMB Chair

4. Testing and trialling of potential mitigation solutions

Due to time constraints, this item was taken ahead of technology readiness levels. FH set out his view that evaluation processes need to be able to assess different technologies fairly and that we are not currently in a position to do this. Solutions suitable for NATS might not work for MOD for example. MOD would therefore like to run demonstration trials but are constrained by budgetary issues. FH explained that MOD is working towards a user requirement document (URD) which, if approved, could form the basis of an expression of interest/tender. NATS and CAA asked for synergies from the trials to be explored and shared to reduce duplicated effort.

5. Technology Readiness Levels

PA introduced this item. Technology Readiness Levels (TRLs) are a means for the various mitigation solutions to give confidence on maturity of technologies. Mitigation proposals could/should be presented in terms of TRL and or System Readiness Levels (SRL) to help inform the decision making, and expectations, of both ANSPs and Wind Developers. The MOD requirement is likely to be TRL 7 plus seamless integration, this is yet to be formally agreed and stated. They could also be used as a means to identify the overall maturity of solutions for the different domains and indicate at what level proposals could be accepted. Further discussion will be necessary to agree this proposal.

6. Any other Business:- Met Office: Next Steps

GC informed the group that the Met Office is aware that it needs to produce a business case proposal establishing need, mitigation solutions, capabilities and upgrade potential of its dual polarisation radars. The number of Met Office objections has been growing over the last two years and developers are keen to understand Met Office safeguarding requirements. The AAP agreed to comment on the proposal ex-committee and report to the FMB if required.

ACTION Met Office, DECC and RES to bring forward and circulate a business case proposal ex-committee

7. Date of Next Meeting

10 January 2013 – to be confirmed.