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**CONFIRMED NOTES OF THE 59<sup>th</sup> MEETING OF THE UK NATIONAL AEROSPACE NDT BOARD**

Meeting Date: Tuesday 20 June 2017 at 10am

Location: Bombardier, NIACE

**NANDTB/2017/M2**

1. **Confirmation of the agenda (and any other business)** Nothing was to be added to AOB.
2. **Attendance & apologies for absence (Annex A)** Refer to attached.  
 A round table introduction was done due to new people attending the meeting for the first time.
3. **Notes of the 58<sup>th</sup> meeting (distributed earlier)**
  - a. **Confirmation**  
 The minutes were approved and will be uploaded as confirmed to the website.
  - b. **Review of allocated actions below with special mention to the following;**

Ref	Actions brought forward	Remarks
67/2015	BF, JB, CS, MC, JD and CT to provisionally draft GR23	Ongoing – BF has a word version of GR23 to be reviewed. The team will now meet to discuss.
68/2015	TB will try and organise an agenda for this for the meeting to be held at CAA	<b>CLOSED</b>
03/2016	Working Group to consider alternative methods of experience/competence	AGENDA ITEM
25/2016	BF will put out an official question to everyone with what he wants and requesting info on numbers of L2/L3 personnel	BF has spoken to TB and now BF would like to know how to proceed with this.  BF will send an email out to everybody requesting this information from individuals.  <b>Action 10/2017 - BF to email individuals requesting this information</b>
37/2016	TB to send a list of all Pt. 145 organisations to GMcC	<b>CLOSED</b>
01/2017	BF to supply TG with a contact number for Neal Cuddy who is the alternate, before TG uploads NANDTB_06 to the website	<b>CLOSED</b>
02/2017	TG to amend and upload this document to the website – NANDTB-02	<b>CLOSED</b>

03/2017	TG to send the amended document to JB for approval before uploading to the website – NANDTB_04	CLOSED
04/2017	NLB and MCI to work on NANDTB_16 and circulate it for approval	AGENDA ITEM
05/2017	MCI/NLB/JB/KP/PB to look at NANDTB_23 with MC as the lead	AGENDA ITEM
06/2017	JB/BS to review NANDTB_09	AGENDA ITEM
07/2017	MCI/NLB/CW/RB to review NANDTB_10	AGENDA ITEM
08/2017	KP/PB/MCI to review NANDTB_17 KP to lead	AGENDA ITEM
09/2017	All the group to review EN4179 and also the NANDTB documents as applicable	AGENDA ITEM

**c. Other matters arising (not covered by the agenda)**

**4. Membership (current list) No other matters arising.**

**a. To note status and confirm contact details**

NANDTB\_06 was tabled and amended in real time.

**Action 11/2017 – TG to finalise the document and upload to the website**

**5. Documents for discussion and/or approval**

- a. NANDTB\_09** – JB and BS have reviewed this document. The document was tabled in real time and approved for uploading to the website.

**Action 12/2017 – TG to finalise the document and upload to the website**

- b. NANDTB\_10** – NLB, MCI and RB reviewed this document. This document was tabled in real time and approved for uploading to the website. (delete text in bracket and delete policy statement)

**Action 13/2017 – TG to finalise the document and upload to the website**

- c. NANDTB\_12** – Alan Parsons has looked at this document along with OAQS7 and has amended this. It appears that this is a whole re-write of the original document. This document will therefore be circulated with the minutes for consideration.

**Action 14/2017 – TG to circulate this document along with OAQS7 draft Issue 3 with the minutes for the group to consider**

- d. NANDTB\_16** – NLB, MCI and RB reviewed this document. This document was tabled and a discussion took place regarding the expiry date. There was also a lengthy conversation regarding this document and items that Alan Parsons has brought up. The rest of the changes to this document were looked at, discussed, slightly amended and approved.

**Action 15/2017 – TG to finalise the document and upload to the website**

- e. **NANDTB\_17** KP, PB and MCI reviewed this document. This document was tabled and the changes that had been made were discussed in great length.

It was suggested that people who have more to do with this document should look at a part of it and this was agreed. KP will take it back to the regulators and then bring it back to the next meeting.

**Action 16/2017 – KP will re-amend to bring back to the following meeting**

- f. **NANDTB\_18** – GMcC will go through and look at this document as it is due for a 2 year review.

**Action 17/2017 – GMcC and JD will look at this document**

- g. **NANDTB\_23** – JB and MCI reviewed this document. The document was circulated prior to the meeting. This document was reviewed in the meeting. JB stated that he has an action for the Forum to re-draft the Forum document and this will be sent round for comment. It could also then be turned in to a UKNANDTB document.

The document was therefore not changed after discussions and just had a two year review.

**Action 18/2017 – TG to upload the document to state it has had a 2 year review**

## 6. Qualifying Agencies

### a. Oversight Matrix

The matrix was tabled.

JB stated that Alan Parsons would need to be witnessed this year and AW stated that he would be able to witness Alan on 18/19 October at Lavenders.

Clive Hammond also needs to be witnessed and PB stated he would be able to witness Clive on 25/26 September at South West School.

TG confirmed that she would inform Tara Ashton of this upon her return to the office.

## 7. EN4179:2017

JB stated that this is now published. JB stated that when the standard was published by CEN it goes to the member states on the ballot. When it entered the UK, this was not seen and the UK abstained from voting. The next time the new standard is released, it will now go to a newly created group in Domain 4 and working group 15. The Chair of this WG is Chris Stevenson who works for Rolls Royce and the idea is that if there are any standards coming out of CEN, will be dealt with by this working group, who will make sure it is distributed to the correct people. This is any NDT standard, not just 4179. JB stated that if anybody wants to be part of this working group, they should contact Chris Stevenson.

Action 03/2016 – this was an action on JD to form a working group to look at experience within E4179. The working group had dealt with this action and the working group are happy with what has been prepared, this now needs to go around the rest of the Board and then to be taken to the European Forum and also to the sub-committee at AIA.

**Action 19/2017 – TG to circulate the document prepared by the working group with any comments to JD by 31 July and then this will be put forward at the September meeting for vote**

JD also stated that there was an action 09/2017 which was to review the 4179 and the NANDTB documents for future changes for NANDTB documents in the future.

NANDTB\_14 – look at this to see if any aspects of this should go in to 4179

NANDTB\_17

NANDTB\_18 – all method based as opposed to material based

NANDTB\_25 – needs an update to reflect 2017 rather than pr

NANDTB\_27 – needs to be looked at

Clause 5.1 or 4179 which is the ability to sub-categorise levels – you are allowed to sub-categorise and you can limit levels down, what is the point of this paragraph?

## **8. ANDTBF (JB)**

- a. In May there was a meeting of the ANDTBF which was hosted by the CAA at Aviation House. The first day a number of people attended with the intention to create an audit checklist for auditing Aerospace Boards. JB stated that the checklist isn't yet finalised, however when completed, each Aerospace Board will audit themselves against the checklist. The checklist will then be submitted to BINDT. Any Aerospace Board that does not comply with the requirements can no longer be a member of the forum, they can attend the meetings, but they will have co-opted status. Anyone who does comply will remain as a voting member. There was also a proposal that the NANDTBs are then audited on a periodic basis by the National Aviation Authority with the checklist that has been defined. From this meeting it was established how different Boards operate and the primes expressed concerns about the second proposal and Italy confirmed that they may employ independent contractors to review the Italian Board.

There was also a NADCAP meeting that took place and there was an extension to this meeting which took place to discuss the Outside Agency Accreditation Program.

JB then went through a PowerPoint presentation that had been presented at the NADCAP meeting.

A lengthy discussion took place regarding this subject and as a result, JB suggested that a working group is put together to work on the checklist.

### **Action 20/2017 – A working group consisting of BS, MCI and JB will review the checklist**

JB also stated that the procedure drafted for the basis exam, UK was the only country to accept this.

Another draft will be prepared that is based on the language in 9712 and JB is to draft this.

The proposal from the Swiss Board about standardising the maintenance review was agreed and it will be turned in to a procedure and at the next meeting, hopefully this will be accepted. UK stated that we would like this to be a guidance document rather than being mandated.

## **9. Pt. 145 Orgs and SIG members Update – (GMcC)**

GMcC stated that TB is going to provide GMcC a list of organisations and then BF will help with guidance with a letter to go out

## **10. Regulators Update – (TB)**

GR23 is now a Word document to be circulated.

## **11. OA/IA Group**

MCI stated that regarding specific theory exams since have been changed to interpretive format.

There are two aspects, the first one is that for a new candidate there is no impact, however for a re-

cert candidate there is a higher failure rate, this is not just SWS, but this is across industry and this is because candidates have not seen exams like this before, 5 years ago they were not open book interpretative, they were either straightforward open book or they were closed book. The other aspect is that exams are taking much, much longer to complete and there are differing approaches from the Outside Agencies about how to deal with this. There is nothing in 4179 that governs times for specific theory exams and the Board may need to deal with this.

A lengthy discussion took place regarding this.

**Action 21/2017 – MCI will gather some figures regarding the pass rate/non pass rate or candidates for the specific theory exam**

**12. AOB**

None

**13. Date and location of the next meeting**

12 September – Applus Aerospace – Reigate

7 December – MTD – Cardiff

**Annex A – attendance and apologies for absence 20 June 2017 NANDTB meeting no. 59**

Name	Representing	In attendance	Apologies for absence
Alun Williams (AW)	Airbus UK	1	
Bobby Scott (BS)	Bombardier	1	
Ben Forshaw (Observer) (BF)	CAA	1	
Carl Sheppard (CS)	British Airways		
Chris Durrant (CD)	Safran Landing Systems UK Ltd		1
Clive Worrall (CW)	British Airways	1	
Dave Griffin (Co-opted) (DG)	Vice Chair representing BINDT OA/IA Group		1
Guy Lawton (GL)	MoD	1	
Jes Dugard (JD)	MoD	1	
Graham Mcleod (GMcC)	Honeywell		1
Graham McCully (Co-opted) (GMcC)	Pt. 145 Orgs and SIG members	1	
Jon Biddulph (Chair) (JB)	Rolls Royce	1	
Kevin Pickup (KP)	BAE Systems	1	
Luke Talbot (LT)	Safran Landing Systems UK Ltd		
Mandy Cox (Observer) (MC)	MAA	1	
Michelle Clapham (Co-opted) (MCI)	Chair representing BINDT OA/IA Group	1	
Neal Cuddy (NC)	CAA	1	
Nicole Banks (Observer) (NB)	BINDT	1	
Patrick Boulton (Voting member) (PJB)	BINDT		1
Phil Byram (PB)	MoD	1	
Ralph Duff (RD)	Bombardier	1	
Rob Bright (RB)	Flybe	1	
Stuart Wroot (SW)	Leonardo Helicopter	1	
Tracy Grant (Secretary) (TG)	BINDT	1	
	<b>Totals</b>	<b>18</b>	<b>4</b>

**Actions allocated and carried over from meeting 59<sup>h</sup> Meeting**

Ref	Actions brought forward	Remarks
67/2015	BF, JB, CS, MC, JT and CT to provisionally draft GR23	<b>Closed – CAA will draft a new version of GR23 based on the comments received</b>
10/2017	BF to email individuals requesting this information for L2/L3 personnel	<b>Ongoing</b>
11/2017	TG to finalise NANDTB_06 and upload to the website	<b>Closed</b>
12/2017	TG to finalise NANDTB_09 and upload to the website	<b>Closed</b>
13/2017	TG to finalise NANDTB_10 and upload to the website	<b>Closed</b>
14/2017	TG to circulate this document along with OAQS7 draft Issue 3 with the minutes for the group to consider	<b>Closed</b>
15/2017	TG to finalise NANDTB_16 and upload to the website	<b>Closed</b>
16/2017	KP will re-amend NANDTB_17 and bring back to the following meeting	<b>Ongoing</b>
17/2017	GMcC and JD will look at NANDTB_18	<b>Ongoing</b>
18/2017	TG to upload NANDTB_23 the document and state it has had a 2 year review	<b>Closed</b>
19/2017	TG to circulate the document prepared by the working group with any comments to JD by 31 July and then this will be put forward at the September meeting for vote	<b>Closed</b>
20/2017	WG consisting of BS, MCI and JB to review the checklist	<b>Agenda item</b>
21/2017	MCI will gather some figures regarding the pass rate/non pass rate or candidates for the specific theory exam	<b>Closed - Discussed at OA/IA MCI sharing the outcome</b>