



C/o BINDT  
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**UNCONFIRMED NOTES OF THE 60<sup>th</sup> MEETING OF THE UK NATIONAL AEROSPACE NDT BOARD**

Meeting Date: Tuesday 12 September 2017

Location: Applus, Best Western Reigate Manor, Reigate

**NANDTB/2017/M3**

**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.

**3. Minutes of the 59<sup>th</sup> meeting (distributed earlier)**

**a. Confirmation**

The minutes were amended in real time, 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, JT and CT to provisionally draft GR23	Closed – the Word document of GR23 has been sent out for review. Two comments have been received and the CAA will draft a new version of GR23 for distribution taking in to account the comments made.
10/2017	BF to email individuals requesting this information for L2/L3 personnel	Ongoing
11/2017	TG to finalise NANDTB_06 and upload to the website	Closed
12/2017	TG to finalise NANDTB_09 and upload to the website	Closed
13/2017	TG to finalise NANDTB_10 and upload to the website	Closed
14/2017	TG to circulate this document along with OAQS7 draft Issue 3 with the minutes for the group to consider	Closed
15/2017	TG to finalise NANDTB_16 and upload to the website	Closed
16/2017	KP will re-amend NANDTB_17 and bring back to the following meeting	Ongoing
17/2017	GMcC and JD will look at NANDTB_18	Ongoing
18/2017	TG to upload NANDTB_23 the document and state it has had a 2 year review	Closed

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	Closed
20/2017	WG consisting of BS, MCI and JB to review the checklist	Agenda item
21/2017	MCI will gather some figures regarding the pass rate/non pass rate or candidates for the specific theory exam	Closed - Discussed at OA/IA MCI sharing the outcome

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

No other matters arising.

**4. Membership (current list)**

NC stated that an email had been received from a member not attending the meeting who in turn had received an email from GKN stating that as they had now brought Fokker, they may qualify as a Prime. The Board have not yet received anything asking if GKN can join the Board.

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

NANDTB\_06 was reviewed and a slight amendment.

**Action 22/2017 – TG to finalise the document and upload to the website**

It was noted that GMcL's employer needs to provide a letter by 5 December 2017 to TG, as representative of Honeywell, as the membership expires on this date.

**Action 23/2017 – GMcL to provide TG with a letter from his employer**

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

**a. NANDTB\_05** – TG tabled this document, the Board considered it and amended it in real time, TG will up issue and upload to the website.

**Action 24/2017 – TG to finalise the document and upload to the website**

**b. NANDTB\_17** – KP was not in attendance at the meeting to bring this document back for consideration. GMcC and NC would like to be added to the WG for this document.

**c. NANDTB\_18** – GMcC and JD to review this document.

**d. NANDTB\_28** - The Board reviewed NANDTB\_28 and amended this in real time.

**Action 25/2017 – TG to upload the amended document to the website**

**6. Qualifying Agencies**

**a. Oversight Matrix**

TG went through the matrix and confirmed that Alan Parsons and Karen Reader had been witnessed, Clive Hammond has nothing booked in for this year so will need to be witness in 2018.

The audit review team is to be changed as the current team have now done a year, new team consisting of RB, CD, GL and SW.

A query had been submitted to the Board from KR relating to a condition observed at an OA audit. Co-opted members were asked to leave the meeting and the matter discussed. An agreed response was reached.

During the closed meeting session, discussion moved to actions the Board takes when organisations being BINDT audited demonstrate poor performance, e.g high numbers of NCR's, re-occurring NCR's, product impacting NCR's etc. It was agreed that clearly defined criteria has not been set by the Board and this needed to be addressed.

**Action 26/2017 – JB to go back to KR with the response to her query**

**Action 27/2017 – A WG to agree criteria to manage OA's consisting of BS, RB, JB, NC and PJB, with BS being the lead on this WG**

## **7. EN4179:2017**

JB stated that there was nothing to report as this has now been published.

The Board discussed JD's proposed change paper re EN4179 : An Alternative approach to proving competence in lieu of defined experience house, which had been circulated to Board Members. JD had received a mixed review from one respondent with the remaining responses being fairly positive. From a regulatory view both, both MAA and CAA were very supportive of a competency based assessment approach. The intent of the change paper is to start a process of socialising the approach and to see if it can achieve wider acceptance/recognition.

The board agreed to add the option for the use of a Competence Based Model as an alternative to the experience hours requirement' of EN 4179 at the next review of the standard.

There are a list of items that need clarifying/changing in the new revision of the Standard and these are referred to in NANDTB\_28.

The UK NANDTB did not object to the change paper and an opportunity exists for JD to socialize with the AIA NDTSC at their fall meeting in Washington

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

JB confirmed that the next meeting is 28 November. JB shared the NANDTB audit checklist which was derived from the meeting in May. This has been circulated to the NADCAP NDT task group, AIA NDTSC, ANDTBF and EASA. The NDT task group are hopefully reviewing, JB is hoping to come back from the NADCAP meeting in Pittsburgh with consensus from the task group that they are happy with the checklist. Phil Ford from PRI has agreed to carry out a pilot audit of the UK NANDTB and this needs to take place before 28 November.

Each member NANDTB from the ANDTBF is required to conduct a self-audit with the checklist and this is to be submitted to BINDT. If a Board complies with the checklist then they can remain on the ANDTBF as a voting member, if not, they can remain on the ANDTBF as an observer only.

JB also stated that regarding the issue of the basic exam, covering all the methods in standard, the Forum had rejected this proposal. DG asked if this could be made UK NANDTB policy? JB stated that this had already been agreed.

**Action 28/2017 – JB will circulate the last draft of the document and the Board is to reply back and confirm they are happy for the document to be adopted**

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

GMcC stated that he had received a letter from Bill Ford and this was forwarded to JD as it was regarding the competency based document.

**10. Regulators Update – (NC)**

Discussed previously.

NC did state that he attended the SIG meeting and that the subject of the withdrawal of the certificates by BINDT was brought up and regarding PCN general and the withdrawal of the certificates associated with this, is there going to be any impact across the aerospace sector?

JB stated that this has been recognised and PRI have sent an advisory to all of the NADCAP auditors asking them to check if any L3 has a certification which is based on PCN general exam that came from NDT International.

**Action 29/2017 – JB to circulate the NADCAP advisory regarding this**

**11. OA/IA Group**

MCI reported that the L3 basic exam was brought up and also the checklist.

However the matter of film and non-film radiography general theory particularly for L3 was brought up. It was asked if the general theory paper is common to radiography or specific to film and non-film techniques. The position regarding this was that a radiography paper is a radiography paper and will cover film and non-film as these are techniques.

PB stated that there is a BINDT working group who are looking to put together a Digital Radiographic Testing (DRT) PCN certification scheme. PCN certification already exists for both traditional film radiography (RT) and also for computed radiography the thinking is to modularise the radiographic testing schemes by offering a general radiography course with bolt on courses for CRT and DRT where required.

MCI also stated that the OA/IA would like to volunteer to take away the revised draft OA/IA audit checklist, incorporating comments received. This will then be brought to the next meeting.

**Action 30/2017 – The OA/IA group to review and bring it back to the next meeting**

DG stated that he had a NADCAP question about supplementary practical examinations for people who do generic qualifications and this is aimed at France and other places, regarding auditor compliance. If you do not get a UK auditor and you get an auditor from somewhere else, you may get asked for a supplementary practical and obviously these do not exist and the auditor wants proof of why they don't exist. DG stated that there is a statement, on the website however it is really hard to locate and prove to the auditor that this is not needed. DG suggested that this statement be made in to an advisory or a document to show to the auditor.

**Action 31/2017 – DG will draft this wording and send to JB to be put in to an advisory and send to TG for finalisation**

## **12. AOB**

- a. A clarification request had been received from D Dulay relating to an incident where qualification examination had to be administered before completed of formal training. Whilst this does not contravene EN4179, the Board does not consider it good practice. The Board discussed this and JB is to reply with the agreed response.

**Action 32/2017 – JB to respond to D Dulay clarification request**

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

7 December – MTD – Cardiff - MCI to send out details of new office

**Annex A – attendance and apologies for absence 12 September 2017 NANDTB meeting no. 60**

Name	Representing	In attendance	Apologies for absence
Alun Williams (AW)	Airbus UK	1	
Bobby Scott (BS)	Bombardier	1	
Ben Forshaw (Observer) (BF)	CAA		
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)	BAE Systems		1
Ralph Duff (RD)	Bombardier		
Rob Bright (RB)	Flybe	1	
Stuart Wroot (SW)	Leonardo Helicopter	1	
Tracy Grant (Secretary) (TG)	BINDT	1	
	<b>Totals</b>	<b>15</b>	<b>5</b>

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

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10/2017	BF to email individuals requesting this information for L2/L3 personnel	Ongoing
16/2017	KP will re-amend NANDTB_17 and bring back to the following meeting	Ongoing
17/2017	GMcC and JD will look at NANDTB_18	Ongoing
20/2017	WG consisting of BS, MCI and JB to review the checklist	Agenda item
<b>22/2017</b>	<b>TG to finalise NANDTB_06 and upload to the website</b>	<b>Closed</b>
<b>23/2017</b>	<b>GMcL to provide TG with a letter from his place of business</b>	
<b>24/2017</b>	<b>TG to finalise NANDTB_05 and upload to the website</b>	<b>Closed</b>
<b>25/2017</b>	<b>TG to upload NANDTB_28 to the website</b>	<b>Closed</b>
<b>26/2017</b>	<b>JB to go back to KR with the response to her query</b>	<b>Closed</b>
<b>27/2017</b>	<b>A WG to agree criteria to manage OA's consisting of BS, RB, JB, NC and PJB, with BS being the lead on this WG</b>	
<b>28/2017</b>	<b>JB will circulate the last draft of the document and the Board is to reply back and confirm they are happy for the document to be adopted</b>	
<b>29/2017</b>	<b>JB to circulate the NADCAP advisory regarding this</b>	
<b>30/2017</b>	<b>The OA/IA group will review and bring it back to the next meeting</b>	
<b>31/2017</b>	<b>DG will draft this wording and send to JB to be put in to an advisory and send to TG for finalisation</b>	
<b>32/2017</b>	<b>JB to respond to D Dulay clarification request</b>	