



C/o BINDT  
Newton Building, St. Georges Avenue  
Northampton  
NN2 6JB  
Tel: +44 (0) 1604 893857  
Secretary: tracy.grant@bindt.org

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**UNCONFIRMED NOTES OF THE 54<sup>th</sup> MEETING OF THE UK NATIONAL AEROSPACE NDT BOARD**

Meeting Date: Tuesday 15<sup>th</sup> March 2016, 09:30

Location: Bombardier, Belfast

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**NANDTB/2016/M1**

**1. Confirmation of the agenda (and any other business)**

J Biddulph (Chair) welcomed all to the meeting.

**2. Attendance & apologies for absence (Annex A)**

Refer to attached attendance sheet.

**3. Nominations for Chair/Vice Chair**

TG tabled the results of the Chair/Vice Chair.

The majority of the votes cast for Chair were in favour of JB and therefore JB was elected as Chair for a further 2 years.

The votes cast for Vice Chair were equally split between BS and CW. BS stated that even though he was nominated as Vice Chair he couldn't commit at the moment and suggested that CW be Vice Chair. CW stated that he wouldn't be happy being Vice Chair. JB asked if BS would be happy to take on the role of Vice Chair and BS confirmed he would.

BS was elected as Vice Chair for a further 2 years.

NLS did also state that it was stated in the constitution that the secretary also needed to be appointed. JB stated that the Board were happy for BINDT to provide the secretariat, if they were happy to do so, NLS stated that BINDT were happy to continue as secretariat.

**4. Notes of the 53<sup>rd</sup> meeting (distributed earlier)**

**a. Confirmation**

TG tabled the amendments that were to be made to the minutes and these were approved on screen and are to be uploaded as confirmed minutes.

A lengthy discussion took place regarding ATO Training and the requirements which were brought up from the previous minutes. JD stated that in relation to this point this was something that was picked up in their audit. This was to do with the practical examination and also the outcome of the certification and in relation to the trainer being the examiner.

NLS stated that as an ATO if you are doing a training course you can administer the end of course examination, if that end of course examination then leads on to another certification, that trainer cannot be the examiner. If you are doing a PCN or an SNT-TC1A then the trainer cannot be the examiner and this is what is stated in the BINDT documents. This does not specify a general, written or practical it just states that the trainer cannot be the invigilator. These are in the BINDT ATO requirements.

JB stated that if you are doing initial training you have got to be an ATO and have ATO accreditation. NLS stated that clarification was sought in relation to this and it was if you are issuing a certification or qualification at the end of the course, you need to prove impartiality. If you are training somebody and examining them you have got a vested interest in them passing. You also have knowledge of the questions. DG seemed to disagree with what NLS was stating and he stated that he did not have a vested interest in people passing. He also

stated that what BINDT audit does not look at the trainers/examiners pass rates. DG stated that this is a PCNisum and that people are falling in to a trap because 99% of the time the examiner and the trainer will be the same person in employer based certification whether it is EN4179 or SNT-TC1A. DG stated that for PCN this is not allowed and it never has been. DG also stated there is nowhere in the standard that states you cannot do this or in SNT-TC1A.

NLS stated that this is not just for PCN as DG is accepting BINDT training to sit the initial exam and this is to meet the requirements. JB again reiterated that for organisations doing initial training they have to hold BINDT ATO accreditation and they have to comply with the BINDT requirement and irrespective of what EN4179 states, the examiner and instructor cannot be the same person. NLS stated that this is the BINDT ATO requirement.

After a lengthy discussion NLS stated that she would need to establish the ATO requirement and then NANDTB\_12 may have to be looked at for possible revision. NLS did state that the standards would need to be looked at, not just EN4179 but the standards that BINDT are accredited to and this is the TR25108 which controls the training.

NLS stated that in CP08 Training Document – to be an approved ATO it states “a formal qualification examination is an examination administered following the successful completion of training in accordance with requirements of certification body, PCN or other schemes and/or for an on behalf of a commercial client SNT-TC1A, EN4179 or NAS410”. NLS stated that this was in DG’s ATO document.

After a discussion taking place, it was agreed that NLS would look at the training standards and if the training is actually bracketed of as 9712 training then it is fine but if it covers all training, then there will be no option but to apply the rules. The OA/IA group will also look in to the ATO requirements and NANDTB\_12.

**Action 01/2016 – NLS stated that she would have to go back and check all the standards to check the requirements before anything is changed**

**Action 02/2016 – OA/IA will look in to the ATO requirement and depending on what this is, revise NANDTB\_12**

**b. Review of allocated actions below with special mention to the following;**

Ref	Actions brought forward	Remarks
23/2015	CD, KP and GMcC to review NAndtB_19	<b>CLOSED</b> - TG made changes in real time and the document was approved to be uploaded.
47/2015	NLS to go back to KR regarding a root cause analysis for AIT	<b>CLOSED</b> – KR has been provided with the new forms with the root cause analysis on.
51/2015	JB will write a statement to go on the front of the website	<b>CLOSED</b>
53/2015	TG to upload NANDTB_06	<b>CLOSED</b>
54/2015	TG to upload NANDTB_01	<b>CLOSED</b>
55/2015	NANDTB_23 Power Point will be reviewed together by JB and JD	<b>ONGOING</b>
56/2015	NANDTB_25 Power Point will be reviewed together by JD and JB	<b>CLOSED</b> – JD stated there was one minor correction which TG did and this was approved and uploaded.
57/2015	TG to upload NANDTB_05	<b>CLOSED</b>
58/2015	JB to contact Testia, SWS and NDT Consultants to find out what their status is with regard to satellite centres	<b>CLOSED – superseded by Action 13/2016 below</b>
59/2015	DG will take the 3 scenarios regarding the satellite centres back to the OA/IA group along with the checklist which will need revising	<b>ONGOING</b> – as no OA/IA meeting
60/2015	DG to take NANDTB_12 back to the OA/IA group to capture the requirements	<b>ONGOING</b> – as no OA/IA meeting

61/2015	NLS will put something in NDT News to see if she can get anyone to assist with the writing of the questions	<b>CLOSED</b> – if nothing comes of this then BINDT will have to use contractors
62/2015	AW will ask around to see if he knows anybody who can assist with the questions	<b>CLOSED</b>
63/2015	JB also asked the Board that if anybody knew anybody who would be interested in perhaps writing some questions then to forward the details to NLS	<b>CLOSED</b>
64/2015	TG to publish NANDTB_26	<b>CLOSED</b>
65/2015	DG to go back to the OA/IA Group with regard to guidance for L1, L2 and L3 questions	<b>ONGOING</b> – as no OA/IA meeting
66/2015	JB will create a spreadsheet with clarification clauses which could be suggested to be put in to the new draft standard	<b>ONGOING</b>
67/2015	TB, JB, CS, MC, JT and CT to provisionally draft GR23	<b>ONGOING</b>
68/2015	TB will try and organise an agenda for this for the meeting to be held at CAA	<b>ONGOING</b>
69/2015	JB will send JD the form to seek clarification about the L1 Limited and whether it is 3 L1 certifications or 3 per method	<b>CLOSED</b>
70/2015	JD will go back to MC with what questions they have	<b>CLOSED</b>
71/2015	JD will contact GMcC and SW to see if they would like to be involved in the Working Group for the use of competence assessments	<b>CLOSED</b>  <b>New Action 03/2016 – Working Group to consider alternative methods of experience/competence</b>
72/2015	TG to send out OAQS scope	<b>CLOSED</b> – TG confirmed that OAQS6 is on the website.  <b>Action 04/2016 - TB will review to the document to make sure that the scope was acceptable.</b>  <b>Action 05/2016 - NLS to send TB the excel scope</b>
73/2015	PJB will forward to email to JB as he will respond to this	<b>CLOSED</b>
74/2015	PJB will forward also to TB as he can deal with the EASA question	<b>CLOSED</b>

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

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

- a. To note status and confirm contact details  
NANDTB\_06 was tabled and amended in real time.
- b. At NLS's request, JB raised the matter of BINDT's membership status on the Board. BINDT had previously been given member status with voting rights however with change

of BINDT personnel this had been changed to Co-Opted Member and this was because BINDT representative on the Board did not have an aerospace level 3 certification. Now that BINDT employed Patrick Boulton, could Patrick (as the BINDT rep) be given Member status?

After a brief discussion, non-voting members (except the CAA) were asked to leave the room and further discussion took place.

Non-voting members returned to the meeting and JB confirmed that a vote was taken and it was in favour of Patrick Boulton (BINDT rep) being given Member status.

DG asked if the OA/IA had been given a vote. JB replied that a decision to agree had not been reached at this time.

The Constitution needed amending, however TG was unable to do this due to a technical error. It would be amended once back in the office and TG would send to JB to confirm that he was happy with the change.

## 6. Documents for discussion and/or approval

### a. NANDTB\_03

TG will amend this and then once changed, send it to JB in order for it to be finalised and uploaded to the website.

**Action 06/2016 – TG to amend NANDTB\_03, send it to JB for approval and then upload to the website when JB has approved**

### b. NANDTB\_14

It was agreed that the PP needs to be reviewed to make sure it is in-line with the Word document.

**Action 07/2016 – GMcC to review the NANDTB\_14 PP**

### c. NANDTB\_17

To be looked at, at the next meeting.

### d. NANDTB\_19

GMcC has amended the word document for this however he is going to review the PP.

**Action 08/2016 – GMcC to review the NANDTB\_19 PP**

### e. NANDTB\_23

JB and GMcC to look at the PP for this document.

**Action 09/2016 – JB and GMcC to review the NANDTB\_23 PP**

TB stated the NANDTB Advisories were now missing on the website.

TG to look in to this with the publishing department

**Action 10/2016 – TG to speak to Publishing Department about the Advisories that are missing off the website**

## 7. Qualifying Agencies

### a. Oversight Matrix

NLS advised that Alan Parsons is now staying with BINDT and a new auditor, Clive Hammond, has been recruited. Once he has been through the training then he will be put through the process of being able to do Outside Agency audits.

TG explained that Alan now needs to be witnessed. TG confirmed that she will email Chris Durrant to check to see if he can still witness Alan.

**Action 11/2016 – TG to email CDu to see if he is able to witness Alan at the International School of Aerospace NDT on 7/8 July**

**Action 12/2016 – NLS will also check to see whether Karen Reader needs to be witnessed this year and if so will email the Board out**

## **b. Satellite Training Centres**

JB stated there wasn't much to discuss under this section. However it was noted that SWS have set up an OA Training School in Singapore.

JB will deal with the action, although NLS stated that BINDT could do this as she thought it would be easier.

**Action 13/2016 – NLS will phone around and ask the question to companies**

## **8. prEN4179:2014**

JB advised, based upon his communication with ASD-STAN that prEN4179:2014 will not achieve EN status until May 2016.

AW stated that at the February NADCAP meeting there had been a debate around level 3 qualification and knowledge of other NDT methods, i.e. all methods covered by the standard or used by the employer. Having referred to the standard, the Board was clear that a level 3 had to demonstrate knowledge in all NDT methods covered by the standard.

JB advised that he had received 4 clarification requests with sanctioned responses from the AIA NDTSC and these had been agreed by the ANDTBF and would be signed after the April AIA NDTSC meeting. JB also advised that the AIA were not happy for sanctioned responses to be put in the public domain, which JB did not agree with and had put a request into AIA to change their policy. Post meeting note: Approved clarification responses will be posted in a folder on the BINDT Members Forum under NANDTB.

JB advised that at the ANDTBF meeting it had been agreed that all Members would make prEN4179:2014 effective by 31 December 2015. This had been fed into the NADCAP NDT checklist requirement and its adoption had been recommended to all the EU NAA's by EASA at the 7<sup>th</sup> Airworthiness Standardisation meeting in Cologne. However some EU Member NAA's have still not agreed to implement until the standard becomes an 'EN' contrary to what their NANDTB agreed to.

## **9. ANDTBF (JB)**

JB confirmed that a meeting hasn't taken place since the last Board meeting. The next meeting is in June at the WCNDT 15 June 2016.

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

GMcC stated that he had no questions regarding 145 but had a question from a member about the experience. GMcC was going to speak to JD and get the outcome regarding the experience and then feedback the response.

## **11. Regulators Update – (TB)**

TB tabled a PP presentation which he went through.

**Action 14/2016 – TB asked NLS if she could get together some demographics for PCN L3s with the ages. NLS did state that this was currently in the process of being done so would add this to the list**

TB asked if organisations are currently trying to get young people in to NDT as retirement and succession of NDT Level 3's has been identified by industry and the CAA is a risk. JB reported that RR have been operating an NDT apprenticeship scheme for some time now and this was not being linked to the Trailblazer NDT Apprenticeship scheme.

TB was also investigating a whistle blower and an exam was tabled. A lot of the questions are similar and it was a Phased Array exam with no Phased Array questions. TB was happy for this to be used as an example of not a very good paper.

## **12. OAIA Group**

There has been no meeting since the last Board meeting due to lack of attendance.

## **13. Any other business**

### **a. Online Training (JB)**

NLS confirmed that BINDT are looking in to online training and a WG is being set up to look at the possibilities of this and having part of a course via distance learning.

NLS informed the group that if anybody wanted to join the WG then to let her know.

GMcC would like to join the group and will email NLS to this effect.

**b. GTC Composite Working Group**

PB stated that there is a Working Group and they are finalising the Terms of Reference. They are primarily looking at Aerospace UT and then once this has been done they are going to look at other methods and then they will look at NDT.

**c. TB raised an issue regarding remote viewing. At the minute radiographs are sent abroad, viewed and sanctioned. He asked if the Board has a view on this.**

There was a short discussion taking place regarding this.

It was noted that this is a matter that is being discussed within NADCAP meetings so just wanted to bring it to the Board's attention that it is being discussed etc.

**d. ATH NDT RL3 (JB)**

JB asked DG and GMcC to leave the room in order for this discussion to take place.

TG tabled an email from Karen Reader to Jen Cook. This was stating that Jordan Heaton was going to be the RL3. It was noted that Jordan Heaton did not have an independent L3 certification.

NLS stated that it is a BINDT requirement that Jordan Heaton would need to be independently qualified as a L3 and will need to go to another OA to get his approval.

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

55<sup>th</sup> Meeting – 28 June – IMECHE, Sheffield

56<sup>th</sup> Meeting – 13 September – BINDT Conference, Nottingham

57<sup>th</sup> Meeting – 6 December – Airbus, Broughton

**Annex A – attendance and apologies for absence at the 15 March 2016 NANDTB meeting no. 54**

Name	Representing	In attendance	Apologies for absence
Alun Williams (AW)	(Airbus UK)	1	
Bobby Scott/ Ralph Duff (BS/RD)	(Bombardier)	1+1	
Carl Sheppard (CS)	(British Airways)		1
Chris Dootson (CD)	(BAE Systems)		1
Chris Durrant (CDu)	(Messier-Bugatti-Dowty)		1
Clive Worrall (CW)	(British Airways)	1	
Colin Thomas (Co-opted) (CT)	(Training & Examination Group)		1
Dave Griffin (Co-opted) (DG)	(Training & Examination Group Deputy)	1	
Jes Dugard/Phil Byram (Observer) (JD/PB)	(MoD)	1 - 1	
Graham Mcleod (GMcl)	(Honeywell)	1	
Graham McCully (Co-opted) (GMcC)	(Pt. 145 Orgs, QAs and SIG members)	1	
Jon Biddulph (Chair) (JB)	(Rolls Royce)	1	
Keith Griffiths (KG)	(Rolls Royce)	1	
Kevin Pickup (KP)	(BAE Systems)		1
Mandy Cox (Observer) (MC)	MAA		1
Nicole Scutt (Co-opted) (NLS)	(BINDT)	1	
Patrick Boulton (PJB)	(BINDT)	1	
Rob Bright (RB)	(Flybe)		1
Stuart Algar (Observer) (SA)	(Civil Aviation Authority)		1
Stuart Wroot (SW)	(Agusta Westland)	1	
Ted Blacklay (Observer) (TB)	(Civil Aviation Authority)	1	
Tracy Grant (Secretary) (TG)	(BINDT)	1	
	<b>Totals</b>	<b>16</b>	<b>8</b>

### Actions allocated and carried over from meeting 52<sup>nd</sup> Meeting

Ref	Actions brought forward	Remarks
23/2015	CD and GMcC to review NAndtB_19	ONGOING
47/2015	NLS to go back to KR regarding a root cause analysis for AIT	ONGOING
51/2015	JB will write a statement to go on the front of the website	ONGOING - JB will look at drafting something for the home page. There is also a "What's New" part on the website however until there is something to go in this part, this section will not show.
55/2015	NANDTB_23 Power Point will be reviewed together by JB and JD	ONGOING
58/2015	JB to contact Testia, SWS and NDT Consultants to find out what their status is with regard to satellite centres	ONGOING
59/2015	DG will take the 3 scenarios regarding the satellite centres back to the OA/IA group along with the checklist which will need revising	ONGOING
60/2015	DG to take NANDTB_12 back to the OA/IA group to capture the requirements	ONGOING
65/2015	DG to go back to the OA/IA Group with regard to guidance for L1, L2 and L3 questions	ONGOING
66/2015	JB will create a spreadsheet with clarification clauses which could be suggested to be put in to the new draft standard	ONGOING
67/2015	TB, JB, CS, MC, JT and CT to provisionally draft GR23	ONGOING
68/2015	TB will try and organise an agenda for this for the meeting to be held at CAA	ONGOING
01/2016	NLS stated that she would have to go back and check all the standards to check the requirements before anything is changed	
02/2016	<b>OA/IA will look in to the ATO requirement and depending on what this is, revise NANDTB_12</b>	
New Action 03/2016	Working Group to consider alternative methods of experience/competence	
04/2016	TB will review to the document to make sure that the scope was acceptable.	
05/2016	NLS to send TB the excel scope	
06/2016	TG to amend NANDTB_03, send it to JB for approval and then upload to the website when JB has approved	
07/2016	GMcC to review the NANDTB_14 PP	



08/2016	GMcC to review the NANDTB_19 PP	
09/2016	JB and GMcC to review the NANDTB_23 PP	
10/2016	TG to speak to Publishing Department about the Advisories that are missing off the website	
11/2016	TG to email CDu to see if he is able to witness Alan at the International School of Aerospace NDT on 7/8 July	
12/2016	NLS will also check to see whether Karen Reader needs to be witnessed this year and if so will email the Board out	
13/2016	NLS will phone around and ask the question to companies	
14/2016	TB asked NLS if she could get together some demographics for PCN L3s with the ages. NLS did state that this was currently in the process of being done so would add this to the list	