

UK National Aerospace **NDT** Board

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THE 66th MEETING OF THE UK NATIONAL AEROSPACE NDT BOARD

Meeting Date: Tuesday 26 February 2019
Time: 10.00am
Location: BAE Systems, Salmesbury

Minutes

NANDTB/2019/M1

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

Added to Agenda in real time.

2. Attendance & apologies for absence (Annex A)

Round table introduction for the benefit of Alan Parsons and Gary Reay.

Apologies from Steven Arrowsmith – MAA

Chris Durrant – Saffran Landing Systems

3. Notes of the 65th meeting (distributed earlier)

a. Confirmation

The minutes were confirmed and will be uploaded to the website as confirmed minutes.

Action 01/2019 – TG to upload minutes from 65th meeting

b. Review of allocated actions

| Ref | Actions brought forward | Remarks |
|---------|---|---|
| 27/2017 | AMENDED WG to agree criteria to manage OA's consisting of MC, RB, JB, NC, NLB and PJB, with MC being the lead on this WG | ONGOING – WG needs to meet even if by Webex, however commitment is needed, PJB suggested that there needs to be auditor input. |
| 16/2018 | MC will look at NANDTB_16 and draft some wording and will circulate via email to the Board to approve | ACTION 02/2019 – TG TO UPLOAD NANDTB_16 |
| 22/2018 | A WG to look at NANDTB_12/OAQS 11 checklist has been formed to review both documents together – WG of KP, MC, GL and PJB. | To be looked at in document review |
| 24/2018 | WG of MC/PB/GMcC and AW has been put together to review NANDTB_19 | ONGOING - there will be a document review by phone |

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|---------|--|--|
| 27/2018 | OA/IA to create a dashboard to look at excessive number of NCRs/repeat NCRs and top NCR's for a specific year - to look at every meeting | Full report of dashboard outcome by September |
| 29/2018 | TG to circulate the document with the minutes for approval at the next meeting | Nothing to circulate until September |
| 30/2018 | TG to upload the amended NANDTB_06 | To be uploaded after January meeting |
| 31/2018 | PJB will contact Alan Parsons for his current CV in preparation for the next meeting | CLOSED |
| 32/2018 | WG consisting of KP/RB to look at this for amendment – NANDTB_03 | ONGOING -JB replaces RB |
| 33/2018 | WG consisting of KP/RB to look at this for amendment – NANDTB_04 | ONGOING -JB replaces RB |
| 34/2018 | WG consisting of GMcC/MC to look at – NANDTB_14 | CLOSED – no changes, review no later than January 2021 |
| 35/2018 | WG consisting of DG/RB and JB – NANDTB_22 | CLOSED |
| 36/2018 | TG to speak to Tara about populating the dates for the matrix | CLOSED |
| 37/2018 | KP to speak to Chris Stevenson about the Board wanting to keep thermography in the standard | CLOSED New Action 03/2019 – watch how standard develops ACTION 04/2019 – NC to capture ST and TT D1 rating |
| 38/2018 | CD to create a response of why it is felt that thermography should remain in the standard, information to be collated from the OA/IA group | ONGOING – discussion taking place and it was agreed that it thermography should remain in. |
| 39/2018 | For the March meeting PT. 145 and OA/IA are to put a couple of paragraphs together as to why they believe they should have a vote and this will be reviewed a few months into 2019 | CLOSED |
| 40/2018 | KP will contact the Irish Board regarding merging Boards | CLOSED – New Action 05/2019 KP to contact the Latvian Board |
| 41/2018 | KP to notify Tara Ashton of what is required in order that BINDT can then get Andy Kular signed off | CLOSED AK is signed off on AQB/ATO/ISO however he will not be sent out until he has been approved by being witnessed twice and then a Board member can do and witness if they wish. |

c. Other Matters

None

4. Membership

a. Review NANDTB_06

Action 06/2019 – TG to add Alan Parsons as BINDT alternate

There will be a new Co-Chair for the OA/IA, KP thanked Dave Griffin for his help over the year. There will now be on the OA/IA Group two Co-Chairs rather than a Chair and Vice Chair, every year there will be an election for a new Co-Chair.

5. UK NANDTB Document Review

a. NANDTB_12 – under review with WG

There were not a lot of requirements in this document which is why it has been amended.

This is a key document of how OA/IAs are approved.

TG tabled the amended document.

Paragraph 3.1.8 is for debate as it relates to the overseas IA/OA. There are a couple of changes to this paragraph and there is also the question of whether it is the auditor being witnessed. Some agencies are easier to witness and therefore some tend to get witnessed quite a lot. If the Board is accrediting agencies, should this not be overseas.

This was discussed in lengthy detail and it was noted that now Singapore have a Board, perhaps they should now come under the Singaporean Board.

GL did state that if it is the auditor that is being looked at on oversight then does it matter if it is being done overseas or not.

AP did confirm that a risk assessment is being done now and before it wasn't.

KP asked if the Board refuse to support accreditation of the overseas agencies, what are the consequences. AP stated that they only get done as the NANDTB accepted their applications. If the NANDTB wish to withdraw their approvals or give them notice that as they now have their own Boards, perhaps they should apply to their own Boards.

KP stated that they way oversight audits are selected will need to change.

NC stated under 147, India, UAE they have individuals there that are trading under Part 66 licenses but UK organisations which are overseen and controlled within the UK conduct remote site visits where they train and examine personnel in other countries. If Setsco for example lose their accreditation, because they work for organisations that hold an EASA approval they need to be qualified to 4179 and has to be seen by a European Member State Board, so the only option to them is they have to send their people to approved ATOs within Europe or UK based organisations can set up satellite facilities.

The wording was agreed in real time and the document was amended.

b. NANDTB_14 - WG to review this document

No change – look at post draft spec.

c. NANDTB_16

Action 07/2019 – TG to upload

d. NANDTB_17

Amended in real time.

Action 08/2019 – TG to upload

e. NANDTB_22

To be amended and uploaded.

Action 09/2019 – TG to upload

f. NANDTB_23

Review in June 2019 or when the next draft standard is available.

6. Qualifying Agencies

a. Auditor Oversight, review matrix

Change of oversight group to PH/RD/PB/AW.

TG tabling the matrix, JB will witness Karen Reader on 20-21/8 at ISA.

7. Standard Review

a. EN4179

KP stated there was no update from December.

It was noted that from the Forum meeting there was proposal at the face to face meeting around membership. Some people stated that membership had to be prime contractors/type certificate holders. Voting members are member who hold regulatory approval Pt 21/Pt 145.

It has also been suggested that ANDTBF_08 be attached as an appendix, this has been sent to AIA to incorporate in to the latest draft.

JB has heard that the basic exam is coming out of 9712 in the next revision and PJB stated that he had heard no rumours about this. It may be worth checking with John Moody about this.

Next face to face meeting is in Madrid later on in the year.

PJB stated that he would seek clarification from John Moody about whether there is potential for this to happen.

8. ANDTBF (JB)

Next meeting in June in Switzerland.

9. Part 145 Orgs and SIG's – Input (GMC)

GMcC is trying to send everything on from Skywise from the CAA. People can sign up and you get updates regarding Brexit.

10. Regulators Update – (BF/NC)

a. Brexit Update

NC confirmed that he sent out a link to draft legislation, it is draft as it hasn't been through Parliament yet.

The Part 145, 21G after Brexit will become a national approval.

People should be thinking about where they are going to send their RL3 for training if you are going to use an outside agency that is currently approved by NANDTB, it is for EASA to decide if they will accept this.

NANDTB_10 states that the PCN Aero aligns with 4179 and the CAA will continue to accept

this for UK organisations but it will be a question for EASA whether or not they will continue to accept PCN Aero. It is all down to EASA and what they will accept.

UK CAA have stated that they will accept EASA certification for two years so industry will not be affected. EASA have not yet stated anything as of yet. Within the 2 year period CAA would see to have a bilateral agreement with EASA.

If there is a deal then it has been stated that there will be a 2 year transition, EASA will continue to recognise. However if there is no deal it is one way and CAA will accept EASA for 2 years.

The strength of the UK Board is that it was one of the very first Boards and there are significant Primes on it.

NC has stated that it is best to speak to Carmen Chirita.

11. OA/IA Group (MC)

There was a meeting in February.

The question around 8.4 has been brought back to the Board. AIT continue to be concerned that in the UK paragraph 8.4 as per the standard and other organisations aren't doing that, especially in the MRO sector. They would like it to remain on the horizon that this paragraph about certification of personnel in the MRO sector when they move from one organisation to another and they work with a very generic standard is often the same. UK are the only country that do this.

The Board stated that the paragraph should remain as it was the last time.

PCN Aero VT, there is a WG of this NC, MC and PJB.

Online exams continues to be progressed.

6 week rule is hopefully being revised, the 6 week rule will remain but it may be an additional fee supposed to additional paperwork.

The TOR PCN_09 needs an overhaul and this will change for Chair/Co-Chair and election every two years but alternate.

Each agency will have a primary voting contact and a secondary voting contact from each.

Ballot underway for a new Co-Chair.

12. Funding for the PRI AC7114/11 audit of the UK NANDTB (KP)

KP attending BINDT for the audit of the NANDTB. Phil Ford attending BINDT for the audit. The certificate has been granted and this has now been uploaded to the website. There is now a 3 year certificate.

Phil did state that he has been to a lot of agencies who have not been able to state whether or not their exams cover a wider scope and the advisory AD-011 states this, it was noted this perhaps should be added to the checklist to check their awareness.

AP did state that people had said to him that they didn't realise that NANDTB_12 had been updated and asked whether a notification could be circulated when documents were updated. AP did suggest that they should check the website periodically.

This could be added in to the checklist to check that they are keeping up to date with the documents.

TG has sent out a letter to all voting members requesting the £100 per annum.

13. Any other business

a. ML2000

TG tabled the presentation sent to MC, the guy who developed this would like to come in and talk to the Board about it, it was agreed that this was not the correct forum for this product to be discussed.

The advice given by the Board was to contact the Aerospace Committee regarding this. KP to provide MC with a response to this.

Action 10/2019 – KP to send a response to MC regarding this presentation

b. JB stated that NANDTB_03/NANDTB_04 – the information contained in these documents doesn't tally with the information in NANDTB_12.

NANDTB_10 – JB mentioned the equivalency paragraph in this document, when 4179 is changed, the UK NANDTB are no longer allowed to recognise equivalencies. PCN Aero then will not be recognised. NANDTB_10 needs to be looked at.

Questions had been reviewed and created at Applus and it may be worth checking with Arthur Jones at BINDT to see what happened to the previous work that was done.

There was a set of specs that needed to be written around.

BINDT to make some enquiries to see what the situation is at the moment and this can go to the next meeting.

Action 11/2019 – JB will circulate NANDTB_10 draft

Action 12/2019 – GMcC to find the list of specs

14. Date and location of the next meeting

5 June – IMECHE Argyll Ruane, Sheffield

17 September – Airbus, Broughton

10 December - SWS, Cardiff

Actions allocated and carried over from meeting 65th Meeting

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| 02/2019 | TG to upload NANDTB_16 | CLOSED |
| 03/2019 | Watch how standard develops | CLOSED |
| 04/2019 | NC to capture ST and TT D1 rating | CLOSED |
| 05/2019 | KP to contact the Latvian Board | ONGOING |
| 06/2019 | TG to add Alan Parsons as BINDT alternate | CLOSED |
| 07/2019 | TG to upload NANDTB_16 | CLOSED |

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| 08/2019 | TG to upload NANDTB_17 | CLOSED |
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| 12/2019 | GMcC to find the list of specs | CLOSED |

Annex A – attendance and apologies for absence at the 26 February 2019 NANDTB meeting no. 66

| Name (member unless stated otherwise) | Representing | In attendance | Apologies for absence |
|---|---|---------------|--------------------------|
| Alun Williams | Airbus UK | 1 | |
| Ben Forshaw (Observer) | CAA replacing TB | | |
| Chris Durrant | Safran Landing Systems Ltd | 1 | |
| Clive Worrall | British Airways | 1 | |
| Dave Griffin (Co-opted) | Vice Chair representing BINDT OA/IA Group | 1 | |
| Gary Reay | Leonardo Helicopters | 1 | |
| Guy Lawton | MoD | 1 | |
| Graham Mcleod | Honeywell | | 1 |
| Graham McCully (Co-opted) | Pt. 145 Orgs and SIG members | 1 | |
| Jes Dugard | MoD | 1 | |
| John Brand | Safran Landing Systems Ltd (Pt 145) | 1 | |
| Jon Biddulph | Rolls Royce | 1 | |
| Kevin Pickup (Chair) | BAE Systems | 1 | |
| Michelle Clapham (Co-opted) | Chair representing BINDT OA/IA Group | 1 | |
| (Robert) Neal Cuddy (Observer) | CAA replacing TB | 1 | |
| Patrick Boulton (Voting member) | BINDT | 1 | |
| Paul Harris | British Airways | 1 | |
| Phil Byram | BAE Systems | | 1 |
| Ralph Duff | Bombardier | 1 | |
| Rob Bright | Flybe | 1 | |
| Steven Arrowsmith (Observer) | MAA | 1 | |
| Stuart Wroot | Leonardo Helicopters | 1 | |
| Tracy Grant (Secretary) | BINDT | 1 | |
| | Totals | 20 | 2 |