

UK National Aerospace **NDT** Board

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THE 70th MEETING OF THE UK NATIONAL AEROSPACE NDT BOARD

Meeting Date: Tuesday 10 March 2020
Time: 10.00am
Location: BINDT, Northampton

Minutes

NANDTB/2020/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 those who had dialed in.

Apologies from Neal Cuddy, Graham McLeod, Clive Worrall, Gary Reay, Jes Dugard and Alan Parsons.

3. Notes of the 69th meeting (distributed earlier)

a. Confirmation

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

Action 01/2020 – TG to upload minutes from 69th 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 (NANDTB_12/OAQS11 checklist)	Update to be given in document review section – AP to deal with
24/2018	WG of MC/PB/GMcC and AW has been put together to review NANDTB_19	Update to be given in document review section
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	AP/PJB to report back and it needs to be decided how this is going to be reported back to the Board
29/2018 (combined with 27/2018)	TG to circulate the document with the minutes for approval at the next meeting	Nothing to circulate yet

11/2019	JB will circulate NANDTB_10 draft	Waiting for NC to confirm recognition of PCN Aero then it will be sent to EASA
15/2019	WG to look at the document PJB, PB, AW, MC, KP and GMcC (NANDTB_19)	Covered under Agenda
16/2019	PJB will take back to the Standards Committee, Bashiba Berry is looking at this	BSI were looking at documents earlier in the year on additive manufacturing. These documents are in the last couple of day of the voting within the ASME community. There is a Standards Advisory Committee end of January and PJB will bring this up there.
21/2019	KP to take equipment calibration to NADCAP task group	ONGOING
23/2019	AP to send NC the final version of this document – PCN Aero	
25/2019	WG consisting of to look at KP, AW, NC (CAA) NANDTB_02	ONGOING
31/2019	TG to upload new document – minutes 68 th Meeting	CLOSED
32/2019	GDPR forms to be sent to those not at the meeting by KP	CLOSED
33/2019	TG to upload new version – NANDTB_02	CLOSED
34/2019	TG to upload new version – NANDTB_03	CLOSED
35/2019	TG to upload new version – NANDTB_04	CLOSED
36/2019	PB, GL and KP to completed scenarios to be added to the flowchart for the March meeting	Under document review NANDTB_19
37/2019	TG to speak to Tara Ashton about emailing the Board when Andy Kular has been scheduled to carry out his observation audit	AP has witnessed AK and AP has provided reported which he will send to the group and they can be reviewed. It would be best to let him do one on his own and then carry out a review on him.
38/2019	MC to take back to the OA/IA about charging extra levy to fund activities of the Board	MC took back to the OA/IA, the problem is that to fund the attendance of a Board member to go to a Forum meeting, one of the Co-Chair's from the OA/IA will fill at their own expense. It was noted regarding a vote taking place whoever was there representing the UK.

		Action 02/2020 – KP to email HH regarding the UKNANDTB and how they would not be able to travel to Russia due military reasons.
39/2019	TG speak to David Gilbert about moving the certificate to front page of website	Certificate has been moved to the front page of the website and TG has set up the new

Other Matters

None

4. Membership

a. Review NANDTB_06

UK NANDTB Document Review

Removing Neal

Remove Flybe – thanking Rob for his time on the Board

Peter Wood is joining in place of Jon Biddulph and he was unsure of who would be attending in his place, Peter Wood would be the alternate most likely and he will send someone as the prime.

b. NANDTB_05 – amended in real time – 03/2020 – TG to upload new version

c. NANDTB_09 – amended in real time – 04/2020 – TG to upload new version

05/2020 – TG to send out amendment document to MC/SW/PF/SA/GMcC

d. NANDTB_10 – WG to review this document AP, PJB, MC, KP, GMcC and GL

e. NANDTB_18 – delay until prEN4179 is released – include L2 limited in this document?

Discussion taking place regarding L2 limited.

Action 05/2020 - when prEN4179 is released, SW to get a WG together to look at the entire document – SW, JB and CD

f. NANDTB_19 – GL did circulate the action with the scenarios. KP will look at this and put something together to distribute.

g. NANDTB_23 – delay until prEN4179 is released

5. Qualifying Agencies

a. Auditor Oversight, review matrix

TG tabling the oversight matrix for 2020.

There is no need for Setsco and Xiamen to now be approved by the UK Board as now those countries have their Boards.

List of agencies to be provided. Extend their approval certificates for 6 months to give them a chance to do something.

Action 06/2020 - KP to liaise the JC and TA regarding Setsco, Xiamen and Taikoo

Action 07/2020 - KP to write to their National Boards regarding passing Setsco, Xiamen and Taikoo over to them

7. Standard Review

a. prEN4179

GL will let the group know when this is formally **released**.

b. WG5 Coordinator

Who is the point of contact for looking at the standard as it evolves. Chris Stevenson has now retired so there is not currently anybody in a UK prime sitting on WG5. Somebody from the room needs to be on that WG. There needs to be direct access to the conversations that go on. This should be a prime.

Airbus could send someone however they have no alternate at the moment on the Board.

Action 08/2020 – AW to send an alternate to KP in order that he can do something with this

8. ANDTBF (KP)

a. Update from the Forum

No Forum meeting since last meeting.

Russia has been discussed

b. Agency checklist – EASA request

There should be a harmonised checklist.

AP has nearly finished the gap analysis. The Nadcap checklist doesn't really apply to the OAs. The checklist that is being promoted needs to be split in to one part for OA and one for an agency that is doing its own examinations.

Need to get back together and have a discussion regarding this to finalise.

PF is hoping that this can go to the Forum about this.

Discussion taking place regarding this.

Action 09/2020 – KP to write to DG regarding the Forum

c. Representation at meetings and ToR of forum

Previously discussed.

d. Next meeting – Russia

9. Part 145 Orgs and SIG's – input

Nothing to report

10. NADCAP Update

a. Update from Nadcap community to ensure alignment

AC7114/11 – checklist that the Forum/Board use to ensure the Boards are controlled. Been through ballot no changes. The reason for PF being here is to aid the understanding of what is going on with the checklist.

UK, France, Japan, China and Spain – close, Italy have a waiver that finishes this year.

Austria will not be applying and Australia are still undecided.

NDT task group looking at examination centers and they were looking at companies primarily in the US. The task group aims to generate an audit criteria (extra checklist) to look at the exam process which would give them an independent accreditation as some boards have also stated they will not be applying for /11 accreditation. Once NADCAP have agreed the checklist they will propose to the Forum and also EASA for acceptance.

b. Agency checklist

c. Calibration

Look into effectivity of calibrating yearly – is this effective?

It was noted that it is actually standards committee who control this. If the primes can agree that calibration only be done if it adds value. Does calibrating yearly add anything because it just adds money to the process.

Discussion taking place regarding this. It was noted that the Board is not correct place to discuss this.

11. Regulators Update

a. Brexit Update

No representation at the meeting.

NC has been in touch with KP. Ben Forshaw is the new representative taking over from NC, however NC will try and assist.

MC asked what the Boards representation is within ADS.

Action 10/2020 - KP will speak to Ian Cooper and Tom O'Hare and see who the representatives are.

12. OA/IA Group (MC)

Checklists and ongoing concern regarding Brexit.

TG tabling the analysis for OA/IAs.

Thanks to Alicia for her assistance with the gathering of the stats.

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

TG has spoken to the person who has an outstanding invoice.

No voting rights for Chris Durrant until the invoice has been paid.

14. Election of Offices (NANDTB_03 clause 7, 8 &9)

- a. Vice Chair** – this was discussed at the meeting in December. AW is happy to stand down if GL is happy to take over.

GL has stated that if he is the Vice Chair, however he is unable to take a position of the Chair after 2 years.

Vote taking place of VC – unanimous for GL to take over as Vice Chair.

15. Any other business

a. Coronavirus

Starting to see in Aerospace companies, companies shutting down and as a result of this there will be people who need recertification who cannot get it.

SW has not had any issues and they are sending staff overseas for work still.

Are the Board happy to make a statement to state that people adhere to the standard and if certification expires, it expires.

It is up to the regulator for Part 21/Part 145 to decide what happens to certification.

PF will ask the NDT Task Group their thoughts on it.

Action 11/2020 - KP will draft something about certification renewals and distribute to the group.

16. Date and location of the next meeting

2 June – SWS, Cardiff - TBC

22 September – BAE, Salmesbury

8 December - TBC

TO BE APPROVED AT NEXT MEETING

Actions allocated and carried over from meeting 69th Meeting

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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 (NANDTB_12)	Update to be given in document review section
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.	Will need changing when the next revision of 4179 comes out
24/2018	WG of MC/PB/GMcC and AW has been put together to review NANDTB_19	Update to be given in document review section
11/2019	JB will circulate NANDTB_10 draft	Waiting for 4179 to be released
15/2019	WG to look at the document PJB, PB, AW, MC, KP and GMcC (NANDTB_19)	AGENDA ITEM
16/2019	PJB will take back to the Standards Committee, Holly Tyler is looking at this	Bavisha Berry is taking over. PJB wanted to speak to Takia Williams however she did not attend the last Standards meeting
21/2019	KP to take equipment calibration to NADCAP task group	To be discussed under Nadcap update
23/2019	AP to send NC the final version of this document – PCN Aero	
25/2019	WG consisting of to look at KP, AW, NC (CAA)	Ongoing
27/2019	MC to send NC an email with the issues that SWS are experiencing	Forum update
36/2019	PB, GL and KP to completed scenarios to be added to the flowchart for the March meeting	Under document review NANDTB_19
37/2019	TG to speak to Tara Ashton about emailing the Board when Andy Kular has been scheduled to carry out his observation audit	AP has witnessed AK and AP has provided reported which he will send to the group and they can be reviewed. It would be best to let him do one on his own and then carry out a review on him.
38/2019	MC to take back to the OA/IA about charging extra levy to fund activities of the Board	MC took back to the OA/IA, the problem is that to fund the attendance of a Board member to go to a Forum meeting, one of the Co-Chair's from the OA/IA will fill at their own expense. It was noted regarding a vote taking place whoever was there representing the UK. Action 02/2020 – KP to email HH regarding the UKNANDTB and how they would not be able to travel to Russia due military reasons.
39/2019	TG speak to David Gilbert about moving the certificate to front page of website	Certificate has been moved to the front page of the website and TG has set up the new

01/2020	TG to upload minutes from 69 th meeting	
02/2020	KP to email HH regarding the UKNANDTB and how they would not be able to travel to Russia due military reasons.	
03/2020	TG to upload new version	
04/2020	TG to upload new version	
05/2020	TG to send out amendment document to MC/SW/PF/SA/GMcC	
05/2020	When 4179 is released, SW to get a WG together to look at the entire document – SW, JB and CD	
06/2020	KP to liaise the JC and TA regarding Setsco, Xiamen and Taikoo	
07/2020	KP to write to their National Boards regarding passing Setsco, Xiamen and Taikoo over to them	
08/2020	AW to send an alternate to KP in order that he can do something with this	
09/2020	KP to write to DG regarding the Forum	
10/2020	KP will speak to Ian Cooper and Tom Hewles and see who the representatives are	
11/2020	KP will draft something about certification renewals and distribute to the group.	

Annex A – attendance and apologies for absence at the 10 March 2020 NANDTB meeting no. 70

Name (member unless stated otherwise)	Representing	In attendance	Apologies for absence
Alan Parsons	BINDT		✓
Alun Williams (Vice Chair)	Airbus UK	✓ (dial in)	
Chris Durrant	Safran Landing Systems Ltd	✓	
Clive Worrall	British Airways		✓
Gary Reay	Leonardo Helicopters		✓
Graham McCully (Co-opted)	Pt. 145 Orgs and SIG members	✓ (dial in)	
Graham Mcleod	Honeywell		✓
Guy Lawton	MoD	✓	
Jes Dugard	MoD		✓
John Brand	Safran Landing Systems Ltd	✓	
Kevin Pickup (Chair)	BAE Systems	✓	
Michelle Clapham (Co-opted)	Co Chair – OA/IA Group	✓	
Patrick Boulton (Voting member)	BINDT	✓	
Paul Harris	British Airways	✓	
Phil Byram	BAE Systems	✓	
Phil Ford	PRI	✓	
Ralph Duff	Bombardier	✓ (dial in)	
(Robert) Neal Cuddy (Observer)	CAA replacing TB		✓
Simon Wright	Co Chair – OA/IA Group	✓	
Steven Arrowsmith (Observer)	MAA	✓	
Tracy Grant (Secretary)	BINDT	✓	
	Totals	16	5