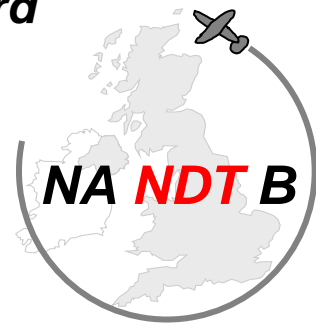


# 20<sup>th</sup> Meeting UK National Aerospace **NDT** Board

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## CONFIRMED MINUTES OF THE 20<sup>TH</sup> MEETING OF THE UK NATIONAL AEROSPACE NDT BOARD

Meeting Date: Tuesday 12<sup>th</sup> May 2009  
Location: BAE, Warton.

The meeting was opened at 09:00 by Mr. Jon Biddulph, the Chairman of the Board. Mr. Chris Dootson welcomed those present on behalf of BAE.

1. Confirmation of the agenda. The agenda was confirmed with the addition of item 14.
2. Attendance & apologies for absence
  - a. The meeting was attended by Messrs. J Biddulph (Chairman, Rolls Royce), B Scott (Bombardier), T Hiscox (Airbus UK), G McCully (Outside Agencies, Co-opted), T Blacklay (CAA – Co-opted), C Lawrence (CAA – Co-opted), R Hogarth (BA), C Dootson (BAE Systems), D Griffin (UK TEG) and A Lambie (Secretary, BINDT, Co-opted).
  - b. Apologies were recorded for Messrs. P Berkeley (Agusta Westland), E McIlroy (Bombardier), K Phillips (Airbus), S Gane (Honeywell), B Rossiter and B Murrell (Messier Dowty), and C Thomas (Messier Dowty and UK TEG).
  - c. Mr. Biddulph then welcomed Mr. Chris Lawrence (CAA) to this, his first meeting of the Board as the CAA observer, replacing Mr. Ian Chapman, who had moved on from the CAA. Mr Dave Griffin (UK TEG) was also welcomed in the absence of Colin Thomas. Roger Hogarth announced that he will be retiring at the end of August and will let the board know who his replacement is.
3. Notes of the last meeting
  - a. The decisions from the last meeting were confirmed by the members present at this meeting as the previous meeting was in-quate. The notes (distributed earlier) were **accepted as an accurate record**, and were authorised for upload to the Board's web pages as Confirmed Minutes.

### ACTIONS ALLOCATED AT THE 19<sup>TH</sup> MEETING OF THE UK NANADTB

Ref	Agreed action	Assignment	Remarks
2008/36	Review and propose additions and/or indicate support for approval of the method/technique training matrix.	Members	Secretary action completed 2008-11-24. Members' action carried forward. Additions or comments by 2009-01-31; <b>revised and updated document to be tabled at the next meeting. If no input, draft to be shelved. New action all Members</b>

2008/40	(2) Following receipt, the Secretary to incorporate necessary changes to papers or to remove and replace questions before issuing the papers for use  (3) Distribute aerospace specific examination papers across all methods, as indicated in Annex B.	See Annex B	(2) By 2009-01-31. <b>Ongoing.</b>  (3) Recipients to review and comment to Mr. Alex Lambie by 2009-03-31. AL waiting for return of Level 2 papers. New action AWL
2008/44	Communicate to Outside Agencies and the UK TEG the opportunity to propose an acceptable alternative to NANDTB/16.	GMcC and CT	Completed 2008-11-24 by JRT. <b>Action on UK TEG members is ongoing.</b>
2008/45	Draft communiqué on BINDT accreditation of training and examinations administered by internal qualifying agencies to CAA Surveyors, and pass draft for comment to JB and AWL.	IC; JB and AWL	By 2008-12-31. Action carried forward with <b>urgent response requested by 2000-03-31.</b> New action on CL
2009/01	Confirm the appointment of Messrs. Biddulph and Phillips, respectively, to the positions of chairman and vice chairman.	Those representatives absent at the present meeting	2009-03-31 Confirmed 2009-05-12 by all members present.
2009/02	Publish and implement PCN/Aero and appendices following approval by the CMC.	AWL	Completed Approved by CMC to be implemented 2009-07-01
2009/03	Liaise with the Chairman to agree which of the AQB and OA assessments during 2009 would be subject to overview by members of the Board	AWL	2009-03-31 TH SWS School Cardiff OA to be confirmed New action AWL
2009/04	Qualifying agencies to be reminded of the deadline for implementation of prEN 4179:2008 / AIA-NAS-410:2008 in all written practices where the qualification examinations were under the effective control of the UK NANDTB.	AWL/GMcC	2009-03-31 Completed
2009/05	Draft advisory notice on the matter of 'open book' examinations, and define the process for submission of and dealing with requests for interpretation (JRT to assist with provision of ASME code case procedure).	JB/JRT	2009-03-31 <b>Completed 2009-03-30</b>
2009/06	redraft ANDTBF strategic plan, re-emphasising the importance of the previously agreed objectives to involve EASA in meetings and to continue to put pressure on EASA to revise regulations parts 21 and 145 with a view to integration	JB/JRT	2009-05-12 to the UK NANDTB 2009-06-23 to the ANDTBF

- b. Concerning Action **2008/36**: TB stated that if the board did not produce a matrix the CAA would **Action on AWL to distribute matrix to all members for members to populate and present at next meeting.**
- c. Concerning Action **2008/40**: AL waiting for 6 Level 2 papers before distributing Level 3 papers, list at annex B. **Action on AWL**

- d. Concerning Action **2008/44**: DG presented 2 certificates to the Board (Argyle Ruane & Lavender International) and asked the board if there could be a unified certificate with the NANDTB logo and a space for the company logo. Board agreed that DG & GMc should produce a standard certificate and circulate this to OA's for comment.

**Action on DG and GMc**

- e. Concerning Action **2008/45**: Draft communiqué on BINDT accreditation of training and examinations administered by internal qualifying agencies to CAA Surveyors, and pass draft for comment to JB and AWL.

**New action on CL**

- f. Concerning Action **2009/05**: Draft advisory notice on the matter of 'open book' examinations, and define the process for submission of and dealing with requests for interpretation was presented by JB (attached). The document was amended and approved during the meeting and will be issued on the web, to the AQB's and OA's.

**Action on AWL and GMc 2009/07**

A request from the board was that advisory notices were to be uniquely numbered and copied to all board members.

4. Membership

- a. It was noted at the previous meeting that the terms of office of the Chairman and Vice Chairman had expired in September 2008. Mr. Biddulph indicated a willingness to continue as chairman with the support of the Board Members and, on a proposal from EM, seconded by TH, his re-appointment backdated to September 2008 was agreed. The proposal was confirmed by all present at the meeting
5. From the previous meeting on a proposal from EM, seconded by TH, Mr. Keith Phillips was appointed Vice Chairman, effective from the date of the current meeting, the proposal was confirmed by all present at the meeting.
6. NANDTB documents due review within next 6 month period

- a. NANDTB 16 - Acceptable alternative, covered earlier in meeting at 3 d.

- b. The initial review of NANDTB/12 was carried by T H and AW L.

**Action on AWL 2009/07 circulate to CL, TB and Chairman for comment, and then distribute final draft to all members.**

- c. The review of NANDTB/15 was carried out by G McCully and C Thomas and there were no changes recommended, approved.

7. Documents for discussion/approval

- a. PCN/Aero and its appendices were approved by CMC for implementation on the 1<sup>st</sup> July 2009.

8. Review and approval of PCN examination papers in accordance with NANDTB/13 and NANDTB/13B procedure.

- a. Level 2 examination papers were allocated for review by members as detailed in Annex B. These papers are to be transmitted by secure means to the individuals named, with comments and suggestions for amendment to be remitted to AWL by 2009-03-31. Ongoing as AWL had not received all the papers back, the Level 3 papers will be distributed on receipt of all Level 2 papers. **Action on AWL 2008/40**

9. Control of Qualifying Agencies

- a. PCN: AQB Audit Programme – TH will observe the SWS School of NDT audit 22/23<sup>rd</sup> Sept. 09.

- b. Other: OA Audit Programme and reports – **Action on AWL 2009/03 to circulate OA programme to members and liaise with chairman.**

10. Outside Agency Questions and Interpretations

- a. GMcC had invited questions and interpretation requests, but none had been remitted for this meeting.

11. A PowerPoint Report from the NDT of composites Ad Hoc group was presented to the Board by JB, this was to be circulated to all members to pass comment on, and is attached with these minutes.

RH - Asked the question of how the board let the practitioners know?

A discussion ensued and it was felt that there should be a list of current Level 3 personnel to pass the information on to; TB stated that the CAA could make it a mandatory document and refer to it in GR 23 or issue it as an AIRCOM. The general feeling was that the onus should be on the OEM's to make sure suppliers were aware of the document (once issued) and be aware of it.

TB asked the board if they would like the CAA to mandate the NDT of composites but it was possible for the board to do this, LB replied the board would do this but will circulate the PowerPoint to all members and approve the document first at the next meeting.

12. Eyesight requirements prEN4179:2008 now requires eyesight acuity of Snellen 20/25 at 16". JB queried as to what were the equivalencies of individual acuity tests as the information provided online varied. AWL was tasked to contact The Institute of Optometry to verify the different acuity tests and if they could provide a table of equivalent tests. JB also showed members present the tumbling E acuity test. **Action on AWL 2009/08 to contact Institute of Optometry**

13. AOB

- a. ANDTBF strategic briefing from JB JB will raise the issue of how the UK NANDTB is approaching the issue of composite material qualification in NDT.

TB asked if the following question be put to EASA.

How member states interpret prEN 4179 in respect of 'responsible' Level 3?

prEN 4179, which defines the Responsible Level 3 as

"A Level 3 designated by the employer with the responsibility and authority to ensure that the requirements of this standard are met and to act on behalf of the employer"

The CAA in the UK state in GR 23 that

"A 'nominated' Level 3 is responsible for all NDT within the company and the 'nominated' Level 3 should hold central independent qualification certification for the NDT methods." (The legal culpable person)

- b. GR23 TB gave an update on GR23, several members had discussed this with him previously and TB agreed that the current draft needed working on especially the need to take prEn4179:2008 into account. TB stated that at the next issue of CAP 747, GR23 would also be issued although it was currently not very well structured. JB offered that a sub-group review the document but TB declined the offer.

- c. NANDTB site update – JB asked AWL if it was possible for the NANDTB logo be displayed more prominently on the BINDT website and if the 2008 annual report could be uploaded to the website page. **Action on AWL 2009/09 discuss logo with David Gilbert and report back to board.**

**Action on AWL 2009/10 upload 2008 annual report on to NANDTB website page.**

14. The date(s) and location(s) of the 21<sup>st</sup> and 22<sup>nd</sup> meetings respectively of the UK NANDtB were noted as being:

a. 19<sup>th</sup> August, MT&D, Cardiff

b. 11<sup>th</sup> November, Airbus, Filton (note change of location)

15. There being no other business, the Chairman thanked Chris Dootson of BAE for the excellent facilities and refreshments provided.

## ANNEX A: ACTIONS ALLOCATED AT THE 20<sup>TH</sup> MEETING OF THE UK NANADTB

Ref	Agreed action	Assignment	Remarks
2008/36	Review and propose additions and/or indicate support for approval of the method/technique training matrix.	AWL All Members	Action carried forward responses to AWL requested by 2009-07-17 <b>Collated and presented at 21<sup>st</sup> Meeting</b>
2008/40	(2) Following receipt, the Secretary to incorporate necessary changes to papers or to remove and replace questions before issuing the papers for use (3) Distribute aerospace specific examination papers across all methods, as indicated in Annex B.	See Annex B	Level 2 returned by 2009-06-30 <b>Still Awaiting 2 papers</b> Level 3 Papers for review 2009-06-16 <b>Forward to members by email for review</b>
2008/44	Communicate to Outside Agencies and the UK TEG the opportunity to propose an acceptable alternative to NANDTB/16.	GMcC, DG	Circulate to OA's by 2009-06-30 Present for approval at next meeting <b>GMc awaiting feedback new action on G Mc</b>
2008/45	Draft communiqué on BINDT accreditation of training and examinations administered by internal qualifying agencies to CAA Surveyors, and pass draft for comment to JB and AWL.	CL JB and AWL	Action carried forward with response requested by 2009-06-30 <b>No response new action on CL</b>
2009/03	Liaise with the Chairman to agree which of the AQB and OA assessments during 2009 would be subject to overview by members of the Board	AWL	T.Hiscox SWS School Cardiff OA to be confirmed by 2009-06-30 <b>JB LITC 2009-10-14</b>
2009/04	Qualifying agencies to be reminded of the deadline for implementation of prEN 4179:2008 / AIA-NAS-410:2008 in all written practices where the qualification examinations were under the effective control of the UK NANDTB.	AWL/GMcC	<b>Completed 2009-05-27</b>
2009/06	redraft ANDTBF strategic plan, re-emphasising the importance of the previously agreed objectives to involve EASA in meetings and to continue to put pressure on EASA to revise regulations parts 21 and 145 with a view to integration	JB/JRT	2009-05-12 to the UK NANDTB 2009-06-23 to the ANDTBF <b>Completed</b>
2009/07	The initial review of NANDTB/12 was carried by TH and AWL.	AWL	AWL circulate to CL, TB and Chairman for comment. 2009-06-10 Then distribute final draft to all members. <b>Sent with minutes 2009-07-27</b> <b>No comments. Issue</b>
2009/08	Contact Institute of Optometry for eyesight acuity test equivalencies.	AWL	Institute of Optometry contacted 2009-05-22 <b>awaiting reply 2009-06-30,</b> <b>New action on AL</b>
2009/09	NANDTB log prominence on BINDT website	AWL	2009-06-30 <b>With David Gilbert BINDT Ongoing</b>
2009/10	NANDTB 2008 annual report - upload	AWL	2009-06-30 <b>AL to draft and issue on Website</b>

## ANNEX B: ALLOCATION OF PCN EXAMINATION PAPERS FOR REVIEW AND COMMENT

Hard copies of the question papers listed below are to be sent by secure means to those listed below for review, comment, amendment (if necessary) and approval:

PAPER REF	ASSIGNED TO	REMARKS
E-AAA3-NO2 ET3 1-08 JUN 06	K Phillips	Received with comments
E-AAA3-NO1 ET3 1-08 JUN 06	R Hogarth	Received with comments
E-AAA3-NO1 MT3 1-19 NOV 08	B Scott	Received with comments
E-AAA2-NO3 ET2 1-01 AUG 08	K Phillips	Received with comments
E-AAA2-NO5 ET2 1-01 AUG 08	T Hiscox	Received with comments
E-ACA2-NO3 PT2 1-01 AUG 08	B Scott	Received with comments
E-ACA2-NO4 PT2 1-01 AUG 08	T Hiscox	Received with comments
E-ADA2-NO5 RT2 1-01 AUG 08	C Dootson	Received with comments
E-ADA2-NO6 RT2 1-01 AUG 08	C Dootson	Received with comments
E-AEA2-NO3 UT2 1-01 AUG 08	P Berkeley	
E-AEA2-NO4 UT2 1-01 AUG 08	P Berkeley	