



**NANDTB BOARD MEETING  
RESCHEDULED  
Thursday 02<sup>nd</sup> April 2020  
10:00 to 14:00hrs  
VIDEO CONFERENCE  
MEETING MINUTES**

<b>Venue</b>	Video Conference
<b>Chair</b>	Rodd Smith
<b>Secretary</b>	Frank Simmer
	Ron Quirk (RQ), Steve Swift (SS), Frank Simmer (FS), Rodd Smith (RS) Col Hockings (CH), Garry Bowden (GJB), Malcolm Oakey (MO), Michael Gaugg (MG), Dominic Pace (DP), Richard Allen (CASA- RA), Tony Collier (TC)
<b>Guests</b>	Vincent Visser (NZNDT- VV), Peter Milligan- (AINDT-PM)
<b>Apologies</b>	Vincent Visser (NZNDT- VV), Garrett Booth (resigned), Shane Wilson (proxy to Garry Bowden)

<b>Time</b>		<b>AGENDA ITEM</b>	<b>Assign</b>	<b>Action</b>	<b>Status</b>
<b>08:30</b>	<b>1</b>	Welcome of Guests – apologies	RS	OPEN 10:00	
	<b>2</b>	Meeting Protocol (phones off; respect one another)	RS		
	<b>3</b>	Adopt Agenda	RS	Garry Bowden	
	<b>4</b>	Disclosure of Interest	All		
	<b>5</b>	Accept previous minutes 10/10/2019	All	Posted on website SS noted item 6.8 presentation on compression loads affecting detectability of cracks using Eddy Current Inspection method is incorrect. Agreed to remove comment from minute. Action FS.	

	<b>6</b>	<b>General Business and actions from previous minutes</b>			
	<b>6.1</b>	<p>Procedure review to incorporate EN4179/NAS410</p> <p>Board to be competent in NAS410/ EN4179</p>	<p>CH, All, RA</p>	<p>Guidelines accepted</p> <p>Action: FS add Verifiable tasks to guidelines page also a link from procedures page at NA024. Complete. Now on procedures page and doc's &amp; guidelines page.</p> <p>Action: add link in NA024 to guidelines page.</p> <p>CH noted some clarifications required:</p> <p>a) In the NA24: <i>“Level 3s seeking to have their technical qualifications renewed by the NANDTB shall, as a minimum, provide the following.”</i> The Board does not provide qualification services.</p> <p>b) In the NA24 Guidance: <i>“NDT Level 3 persons wishing to renew their certification from their employer by other than examination would submit the evidence required by the standard”</i>. The Board does not certify individuals</p> <p>Re NA021</p> <p>CH: The term Qualification as defined by the Standards is not provided by the Board.</p> <p>Action RQ: Revision to NA021 to clarify purpose of NA021.</p> <p>Action RQ: review NA-021 update the acceptable standards, include A4A spec 105. Note the NAA may also specify the required qualification and certification standard.</p> <p>Action RQ: Add NAS410.</p> <p>Action RQ: revision of title</p> <p>Discussion on continued use of AS3669</p>	<p>Closed</p> <p>In work</p> <p>In work</p>

			<p>Question from CH. If a request for recognition to AS3669 was made, can the board still recognise AS3669?          Yes NA019 still exists for AS3669.          CH: GA will probably not migrate to EN4179, hence there is a real need to maintain AS3669 recognition.          TC: GA sees no need to change, AS3669 has served GA community well          GJB: Standard is no longer supported.          RA: CASA continues to use many standards that are superseded, and can/ will continue to use AS3669          RQ: Maybe limit Part145 organisations to EN4179, and CAR88 organisations to AS3669?          CH: Some Part145's only use AS3669.          SS: Suggest CASA regulatory advisory group look at whether AS3669 could still be appropriate for some industry sectors, such as general aviation, in the same way that economic analyses have recommended excluding smaller and less significant aircraft types from ageing aircraft rules that required other aircraft types to update their structural certification basis.          RA: Justification for any change will require safety analysis and cost/benefit analysis.          Action RA: discussion paper on migration to EN4179          CH: The board must acknowledge that AS3669 continues to be used by the Australian aviation sector.</p> <p>Discussion on Design Organisation and NDT Level 3 interface.          SS: Comment; Communication with design org. regarding the process for method justification when issuing instructions to deviate. Level 3 should have an understanding of the engineering process, and engineering should have an understanding of NDT. See item 6.8 from Oct 2019 minutes.</p>	<p>In Work</p>
--	--	--	---	----------------



	6.2	Procedures Review	RS/ CH	<p>NA-013 update accepted. FS to publish. Complete. Action RS: NA-013 further review (see item 7)</p>	In work
	6.3	Aged Standards review.	RS/ CH	<p>Vigilance on redundant standards Action RS: check cross reference table for website for redundant or superseded standards, circulate amongst the board and publish on website. Action: RA to promote/ review redundant standards references.</p> <p>Action: link to Standards Australia website? Potential litigation (or maintenance error) associated with publishing a guide or table that is not correct or superseded.</p>	In work
	6.4	Board Membership	FS	<p><b>The following Nominations for 2020-2022 Board membership have been accepted.</b></p> <p>Garry Bowden (NDT&amp; Quality Resources). Manufacturing. Mal Oakey (ATTAR). Training Ron Quirk (Sikorsky Australia). Training Frank Simmer (Qantas, Jetstar QantasLink). Major Airlines Steve Swift (Steve Swift). Design Organisations Rodd Smith (BAE Systems), AMO Tony Collier (Aerospace NDI) General Aviation, Colin Hockings (Aero Compliance), General Aviation Shane Wilson (Sothern NDT) NDT Services Pending nomination and BMA documents. ADF appointment is WOFF Michael Gaugg, ADF Observer SQNLDR Dominic Pace, CASA Observer Richard Allen</p>	In work

				<p><b>The following nominations for membership received but not accepted</b>  Paul Trigg (Callington). Not accepted due not representative of aerospace sector  Steve Hearne (Airflite). Not accepted due no longer with employer</p> <p>New Board can be formed. Reduced to 10 members now.  Nominations for Board Executive:  Chairman: Rodd Smith  Deputy Chairman: Ron Quirk  Secretary: Frank Simmer</p> <p>Action: FS to publish on the website  Action All: NA-003 Review constitution for board members and membership sectors before next meeting.  <b>Action All: future membership promotion and mentoring.</b></p>	<p>Closed</p> <p>In work</p> <p>In work</p>
	6.5	CASA MPL request	RQ	<p>CASA Maintenance Personnel Licensing using EN4179 over AS3669 for certification. AS3669 and EN4179 are both valid standards for the purpose of granting a CASA NDT MA.  Action RS &amp; TC: review guideline, in particular initial assessment.</p>	In work
	6.6	NADCAP AC7114/11	SW	<p>Action SW &amp; FS: RTO page on website explains the boards position. Note for NADCAP accredited organisations (from item 17.3 10/10/2019)  Action: FS revisit with Shane.</p>	In work
		<b>NO LUNCH</b>			
12:00	7	Examinations report		<p>NANDTB no longer issues examinations.  GJB to take on the role Examination co-ordinator.  Action RS and GJB templates for;</p>	Fixed agenda

				<p>NA-013: Exams should be identified from the examiner. This will ensure the approved exam could be reused in the same organisation.</p> <p>NA-013: Clarification on basic examination requirement (questions on other methods)</p>	
	<b>8</b>	Correspondence	FS	<p>Action FS: EFNDT, ANDTBF one page introduction letter for inclusion by ANDTBF on their website. FS to sample aerospace documents. Closed</p> <p>Action RS: write to CASA on AC43-13 deficiency. closed</p> <p>TC: not applicable in GA</p> <p>SS: should CASA issue a CAR 2A (3) direction that AC43-13's permission of red dye cannot be approved data?</p> <p>SS: did we write to the FAA about AC 43.13, as we planned at a previous meeting? (see Item 17.9 of the 15 November 2018 Minutes)</p> <p>Action RA: Review Part 66 privileges and education, noting that there is a draft AC66-08 open for comment.</p>	Fixed agenda
	<b>9</b>	Chairman's report	RS	<p>Contained in info pack</p> <p>SS: comment. To improve NA025, include which standards we assess the document to.</p> <p>CH: comment. POD study versus efficacy of the procedure is not achievable.</p> <p>SS: comment. Assessment procedures are to ensure confidence of defect detectability and recommended that the Board specify standards against which NDT inspection procedures would be assessed.</p> <p>TC: Usually short time frame to get an approved procedure assessed, does not allow for comprehensive POD study.</p>	Fixed agenda
	<b>10</b>	Secretary/Financial Report	FS	<p>Contained in info pack</p> <p>New Grant funding from March 2020 to March 2021 (12 months).</p> <p>FS noted that the ZOOM Video conference is available at any time. (Currently Month to Month payment plan \$21. Or \$209 annual). It was proposed by MG and supported by all to establish an annual account with ZOOM.</p>	Fixed agenda

	<b>11</b>	Website Report	FS	Action FS: Website upgrade progress, migration to WordPress and google suite repository	Fixed agenda
	<b>12</b>	AINDT Report	PM	Not provided	Fixed agenda
	<b>13</b>	CASA Report	RA	Contained in info pack Action FS: forward EASA NDT extensions to L2 and L3 falling due at the moment.	Fixed agenda
	<b>14</b>	ADF Report	MG	Contained in Info pack	Fixed Agenda
	<b>15</b>	European Forum Report	RQ	Contained in info pack	Fixed Agenda
	<b>16</b>	Procedures review	RS	See Item 6.1 & 6.2 above	Fixed agenda
	<b>17</b>	Members development/ continuation training	All/ MG	Presentation on a specific experience/ topic/ or technology Action MG: share Ti Eddy Current Inspection study about corrosion within cracks causing reduced Eddy Current response	New Fixed agenda
	<b>18</b>	<b>New Business</b>			
	<b>18.1</b>	CASA MA wording	FS	Correspondence from Neil Joiner Re: MA wording and possible misinterpretation of 2 year renewal and 5 year examinations. RA: RA and others noted that the MA expiry date was clearly expressed on the document adjacent to the MA holder's signature Action FS: forward to RA for comment.	Closed
	<b>18.2</b>	Visible Dye penetrants	RS	Misuse again! Action CASA (RA & RS): part66 review consultation closed 31 <sup>st</sup> March. Education process for both Colour contrast and Fluorescent systems.	In work



	<b>18.3</b>	Eddy Current Inspection influenced by Compression loads	RA	Action RA: SS: could CASA please review AWB 53-011 Issue 1, Cessna 210 and 177 Wing Carry-through Spar, to check if the 'Note', on page 3, about Eddy Currents being influenced by compression loads, is correct in light of recent research, such as by TRI-Austin?	In work
	<b>19</b>	<b>Questions without notice</b>			
	<b>19.1</b>			Nil	
	<b>20</b>	<b>Next meeting</b>		Proposed dates for 2020 1) 17/03/2020- Sydney (Coogee Bay Hotel) rescheduled to 02/04/2020 video conference 2) 02/07/2020 (AGM) Video Conference or Melbourne (TBA) 3) 15/10/2020- Video Conference or Brisbane (TBA) note DLS starts 9 days earlier NOTE: ZOOM Video conference is available at any time. (Currently Month to Month payment plan \$21. Or \$209 annual)	
<b>14:00</b>	<b>21</b>	<b>Close</b>		14:00	