**UNCONFIRMED MINUTES**

**FEBRUARY 20 – 23, 2017**

**NEW ORLEANS, LA, USA**

**These minutes are not final until confirmed by the Task Group in writing or by vote at a subsequent meeting. Information herein does not constitute a communication or recommendation from the Task Group and shall not be considered as such by any agency.**

**MONDAY, 20-FEB-2017 to THURSDAY 23-FEB-2017**

# OPENING COMMENTS - CLOSED

## Call to Order / Quorum Check

The Nondestructive Testing (NDT) Task Group was called to order at 8:00 a.m., 20-Feb-2017 by Dave Royce.

It was verified that only SUBSCRIBER MEMBERS holding blue badges were in attendance during the closed portion of the meeting.

A quorum was established with the following representatives in attendance:

***Subscriber Members/Participants Present (\* Indicates Voting Member)***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | NAME |  | COMPANY NAME |  |
|  |  |  |  |  |
| \* | Mark | Antonellis | BAE Systems |  |
| \* | Peter | Bartsch | Premium Aerotec GmbH |  |
| \* | Stephen | Bauer | Northrop Grumman Corporation |  |
| \* | Alain | Bouchet | SAFRAN Group |  |
| \* | Juergen | Burchards | MTU Aero Engines AG |  |
| \* | FangMei | Chu | Honeywell Aerospace/Shaan'xi, China |  |
| \* | Michael | Clark | Lockheed Martin Corporation |  |
|  | David | Cohn | Boeing |  |
| \* | Richard | Costantino | UTC Aerospace (Goodrich) |  |
|  | Bjoern | Diewel | Airbus Helicopters |  |
| \* | Jianfei | Feng | COMAC |  |
| \* | Jim | Fowler | Pratt & Whitney |  |
| \* | Frederic | Girard | Pratt & Whitney Canada |  |
| \* | Jim | Graves | Rolls-Royce Corporation |  |
| \* | Luis | Grijalva | Lockheed Martin Corporation |  |
| \* | Thomas (Mike) | Guinn | Bell Helicopter Textron |  |
| \* | Harry | Hahn | GE Aviation |  |
|  | Terry | Hampton | Raytheon Company |  |
|  | Nick | Heiing | Héroux-Devtek Inc. |  |
| \* | Serge | Labbé | Heroux-Devtek, Inc. |  |
| \* | Marc-André | Lefebvre | Heroux-Devtek, Inc. |  |
| \* | Giacomo | Maione | Leonardo Aircraft Division |  |
| \* | Steve | McCool | Honeywell Aerospace | Secretary |
| \* | Neil | Metcalfe | GKN Aerospace (Filton) |  |
|  | Patrik | Nilsson-Alveblom | GKN Aerospace - Sweden AB |  |
| \* | Dale | Norwood | Parker Aerospace Group |  |
| \* | Scott | O'Connor | Honeywell Aerospace |  |
| \* | Gary | O'Neill | Parker Aerospace Group |  |
| \* | Justin | Payne | Textron Aviation |  |
|  | Kevin | Pickup | BAE Systems - MAI (UK) |  |
|  | Kyle | Platzbecker | Rockwell Collins |  |
| \* | Robert | Rainone | UTC Aerospace (Goodrich) |  |
| \* | David | Royce | Pratt & Whitney | Chairperson |
|  | Pedro | Ruiz - Requena | Airbus Defense & Space |  |
| \* | Ranganathan | Srinivasan | ST Aerospace Ltd |  |
| \* | Chris | Stevenson | Rolls-Royce |  |
|  | Mitsuyoshi | Uematsu | Mitsubishi Heavy Industries |  |
| \* | Tony | Warren | Airbus | Vice Chairperson |
| \* | Scott | Wegener | Rockwell Collins |  |
|  | Andy | Williams | Gulfstream / General Dynamics |  |
| \* | Jim | Winter | Spirit AeroSystems |  |
|  | Grzegorz | Wryk | Rolls-Royce |  |

***Other Members/Participants Present (\* Indicates Voting Member)***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | NAME |  | COMPANY NAME |  |
|  |  |  |  |  |
| \* | Mark | Airey | Robert Stuart Ltd. |  |
| \* | Christopher | Andersen | PCC Structurals Inc. LPC |  |
| \* | Anita | Andrews | James Fisher NDT |  |
| \* | Michael | Ashton | Hexcel Corporation |  |
| \* | Andy | Bakewell | E. M. Inspection Co. Ltd. |  |
| \* | Alban | Bakia | Arconic |  |
|  | Mark | Bissonette | Canadian Department of National Defense |  |
|  | Marc | Breit | SECU-CHEK GmbH |  |
| \* | Claude | Chambon | Aubert & Duval |  |
|  | Betty | Cheng | Spectronics Corp |  |
|  | Cathy | Daly | Arconic |  |
| \* | Douglas | Davies | Element Materials Technology |  |
|  | Sharon | Davis | Northeast Testing & Mfg, LLC. |  |
|  | Sheldon | Emmanuel | DCI Aerotech |  |
|  | Douglas | Fowers | Barnes Aerospace |  |
| \* | Richard | Gasset | LISI Aerospace |  |
|  | David | Geis | Magnaflux |  |
| \* | David | Gray | Mitchell Laboratories Inc. |  |
|  | Charles | Haffey | National Inspection & Consultants |  |
|  | Rick | Ingram | Skills Inc |  |
|  | Dave | Ironside | Dynamic Aerospace and Defense |  |
|  | Don | Klein | Arrow Gear |  |
| \* | Rene | Krenn | Bohler Edelstahl GmbH & Co. KG |  |
|  | Kelly | Lambert | Barnes Aerospace |  |
|  | Martin | Lapierre | Technologies de Surface Ellison Canada |  |
|  | Randy | Layton | Hytek Finishes Company |  |
| \* | Grant | Lilley | Meyer Tool, Inc. |  |
| \* | Josef | Maier | Bohler Edelstahl GmbH & Co. KG |  |
| \* | Bill | McKessy | Arconic |  |
| \* | Zachary | Medeiros | Timken Aerospace |  |
| \* | Dave | Mitchell | Composite Inspection Solutions |  |
| \* | Julie | Nguyen | Element Materials Technology |  |
| \* | Blair | O'Connell | Element Materials Technology |  |
| \* | Mark | Pompe | West Penn Testing Group |  |
| \* | Curt | Powell | PCC Structurals Inc. LPC |  |
|  | Stan | Revers | Senior Aerospace - Thermal Engineering |  |
|  | Yesenia | Romero | Aluminum Precision Products |  |
|  | John | Scheuermann | Yankee Casting Co., Inc. |  |
|  | Jon | Thomas | Orizon |  |
|  | Quoc (Andy) | Ton | Avcorp Composite Fabrication |  |
| \* | Savas | Ulucan | LISI Aerospace |  |
|  | Kevin | Vecchiarelli | Yankee Casting Co., Inc. |  |
| \* | Gary | White | Orbit Industries Inc. |  |
|  | Lori | Witt | Avcorp Composite Fabrication |  |

***PRI Staff Present***

|  |  |
| --- | --- |
| Mark | Aubele |
| Phil | Ford |
| Andy | Statham |
| Elizabeth | Strano |

## Introductions including the new Subscriber badge policies.

## Safety Information.

## Reviewed Code of Ethics (Ref: Attendees’ Guide) and Meeting Conduct.

## The Antitrust Video was presented (only at the first open and first closed meeting of the week for each Task Group). The closed meeting video was shown after the first break on the first day (Monday) due to some technical issues.

## The Agenda was reviewed.

## Approval of Previous Meeting Minutes – OPEN

The minutes from the October 2016 were approved as written. Andy Bakewell pointed out that there were a few typos where instead of DCS it was recorded as DSC.

Motion made by Scott Wegener and seconded by Justin Payne to approve the minutes from October 2016 meeting. Motion Passed.

## RAIL Review – OPEN

The Rolling Action Item List (RAIL) was reviewed.

For specific details, please see the current NDT Rolling Action Item List posted at [www.eAuditNet.com](http://www.eAuditNet.com), under Public Documents.

# REVIEW DELEGATION STATUS - CLOSED

Phil Ford reviewed and explained staff delegation metrics. All Staff Engineers (SE) met the minimum requirements.

Andy Statham reviewed audit #165919. After the audit was closed it was discovered that the AC7114/S, checklist for U1 was not completed properly. Records indicate that the Staff Engineer did recognize it and highlighted it, took action with the Auditor but failed to make a note that it was addressed and closed in the audit package notes.

Motion made by Steve McCool and seconded by Bob Rainone to approve Andy Statham to continue with current delegation without any further action. Motion Passed.

Motion made by Scott Wegener and seconded by Dave Cohn to approve all other Staff Engineers to maintain delegation status. Motion Passed.

# TASK GROUP REGULAR BUSINESS ITEMS – CLOSED

Phil Ford presented NDT Task Group Resolutions.

The suspension of audit #155050 was reviewed to determine if further action is warranted. Harry Hahn provided a brief update on the Supplier’s activity. The Supplier has yet to provide any further responses to GEAE. The Supplier's re-accreditation audit #167785 is currently in the system at Staff Engineer review.

Mark Aubele clarified for the Task Group what the procedure requirements are, stating if you suspend an audit it is for a maximum of 90 days, if you withdraw their current audit they cannot have another audit, with the current audit being only suspended a new audit proceeded.

Motion made by Harry Hahn and seconded by Gary O’Neil to extend suspension of audit #155050 for an additional 90 days. Motion Passed. Revised motion to withdraw current accreditation from audit #155050. Motion carried.

Motion made by Steve McCool and seconded by Scott Wegener to suspend audit #167785 for 90 days. Motion Passed.

Dave Royce asked Staff Engineers about providing extensions for some geographically unfriendly locations. If a Supplier has two extensions, it ends up leading to two audits being 90 days apart. Staff stated that OP 1107 does allow the Task Group to grant a change in the eligibility quarter if deemed appropriate.

Phil Ford identified that there were no closed NDT Auditor Advisories this period.

Failed Audits & Lapsed Accreditation Metrics:

Two Type C Advisories #2894 and #2898 have been reviewed this period.

One Type P Advisory #2875 has been reviewed this period.

One Type F Advisory #2929 has been reviewed this period.

No audits set to lapse this period.

# NEW BUSINESS – CLOSED

Phil Ford opened new business. A request was made for feedback on the potential of hosting a meeting in either Shanghai or Beijing, China. Question raised – “Will your Task Group conduct a regular meeting if held in Shanghai or Beijing?” 2/3 of the Subscribers balloted in the room agreed that their companies would support them in attending a Nadcap meeting in either location.

Chris Stevenson presented an ongoing issue with one of their Suppliers. During the review of the daily process checks at the Supplier, indicators are that the exact same control check data was recorded over a period of 18 months. Only when Chris Stevenson was on site did they record actual data and it was different than what was recorded previously. Chris Stevenson asked do we have anything in the checklist to address this or can we add a question so the Auditor reviews prior data to validate that there appears to be no copying over from the previous day.

Motion made by Chris Stevenson and seconded by Dave Cohn to approve the issuance of a closed Auditor Advisory requesting that they look for situations as previously described by Chris Stevenson during their audits and to record such observations in the “comment section” of the checklist. Motion Passed.

The Task Group reviewed the Planning & Ops presentation. Dave Royce asked for any feedback on input for the Planning & Ops presentation to the Nadcap Management Council (NMC).

Dale Norwood asked the questions: “Are Suppliers currently submitting all the required documentation into eAuditNet and are they aware of the requirement?” It was clarified that yes currently Suppliers are using the process but it will become a mandatory requirement as of 14-May-2017, for all NDT Suppliers to up load the self-audit. It was also clarified that no Subscriber, PRI Staff Engineer or other Supplier could review these documents once uploaded. Only the relevant Auditor has access and these documents would be deleted by the system after a fixed time period.

Phil Ford discussed the closed General Auditor Advisory #2017-001.

The Outside Agency Accreditation Program (OAAP) presentation was provided by Phil Ford as Jon Biddulph was unable to attend this meeting. Alain Bouchet discussed that the French have a current mature National Aerospace NDT Board (NANDTB) process. He provided feedback that they are already controlled internally at great cost and effort. It is felt that perhaps this might be a bit premature. Bjoern Diewel also provided similar comments regarding the German Board. Currently Phil Ford is awaiting for questions from as many involved NANDTB’s as possible. Some have indicated that their questions have been submitted and others are aware and will be submitting the questions shortly. Dave Royce reminded the Task Group that this is currently just a proposal and provided an update to the Task Group on the status. The presentation was given again during the Ad-Hoc team break out session item 15.

Dale Norwood discussed that they are moving into a new facility and asked if any Subscriber had specific water requirements that might pose an issue for them. Chris Stephenson mentioned that Rolls-Royce has a unique chlorine requirement.

Steve McCool discussed the “Working Distance” found on the ASTM E3022 certification forms for Ultraviolet Light Emitting Diode (UV LED) lights. No one had responded as being aware of it but it was stated it may be addressed in the upcoming UV LED Lights symposium.

# VOTING MEMBER updates & COMPLIANCE WITH VOTING REQUIREMENTS - CLOSED

Phil Ford presented the Membership Status. Dave Royce discussed Don MacLean and Don had asked Dave to advise all to keep their medical checkups current. Don Maclean has identified that he will no longer be attending further meetings.

The Document Ballot participation, identified a few individuals at risk of losing their voting status.

Subscriber Voting Training was held on 23-Feb-2017. The following individuals from the NDT Task Group attended the training;

Terry Hampton - Raytheon

Bjoern Diewel – Airbus Helicopters

Kevin Pickup – BAE Systems

Kyle Matzbecker – Rockwell Collins

The following Subscribers were there to assist in the training:

Scott Wegener - Rockwell Collins

Dave Cohn – The Boeing Company

Steve McCool – Honeywell Aerospace

Tony Warren - Airbus

See section 14 for names etc.

The following requests for additions or changes to voting membership were received and confirmed by the Task Group Chairperson pending verification of PD 1100 requirements:

* Subscriber Voting Member: UVM
* Supplier Voting Member: SVM
* Alternate: ALT
* Task Group Chairperson: CHR
* Vice Chairperson: VCH
* Secretary: SEC

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **First Name** | **Surname** | **Company** | **Position:**  **(new / updated role)** | **Meetings Attended (Month/Year)** | |
| Mitsuyoshi | Uematsu | MHI, LTD. | New Subscriber Alt Voting Member | Feb 2016 | Feb 2017 |
| Sheldon | Emmanuel | DCI Aerotech | New Supplier Voting Member | Oct 2016 | Feb 2017 |
| Stan | Revers | Senior Aerospace | New Supplier Alt Voting Member | Oct 2016 | Feb 2017 |
| Vittoria | Pianese | Leonardo Aerostructures Division | Updated Supplier Voting Member |  |  |
| Mike | Clark | Lockheed Martin | Updated Subscriber Alt Voting Member |  |  |

# TASK GROUP REVIEW OF AUDITS – CLOSED

See the 20-Feb-2017 Teleconference Meeting Minutes.

ACTION ITEM: PRI Staff to send out the 20-Feb-2017 Teleconference call meeting minutes to all Subscribers. (Due Date: 09-Mar-2017)

# OP 1117 AUDITOR CONSISTENCY – CLOSED

Phil Ford reported on the status of the Auditor Consistency Team. Discussion took place on the requirements of OP 1110. All NMC metrics are green relative to Auditor Consistency data review.

ACTION ITEM: PRI Staff to update the metrics in eAuditNet. (Due Date: 09-Mar-2017)

Tony Warren discussed an Auditor who is currently of concern. The Auditor had been through two separate occasions of re-training with Staff Engineers and has had two negative face to face reviews with Staff and Subscribers at the October 2016 Auditor Conference. Currently their performance is still an issue after a review of a Supplier’s procedure, which the Auditor had just reviewed for a 0 NCR audit, by a team member and a Staff Engineer who found a large number of errors that should have been recorded as NCR’s. FangMei Chu provided her feedback on her interaction as an Observer. It was agreed to table this conversation and agreed that the NDT Task Group will have another closed session to further discuss the issue; this session was held on Tuesday afternoon.

Motion made by Dave Cohn and seconded Chris Stevenson to terminate our agreement with the Auditor, with the understanding that they have 45 days contractually to continue with their scheduled audits. Dave Royce invoked a voting member only vote. Motion was unanimously passed.

Motion made by Dave Cohn and seconded by Chris Stevenson to have the Auditor immediately terminated from auditing at the conclusion of the audit that they are currently participating in. Motion unanimously passed.

ACTION ITEM: PRI Staff to remove the Auditor from the system. (Due Date: 09-Mar-2017)

FangMei Chu is asking why Auditors are posting the incorrect revisions of specifications in the compliance section of the checklist, yet when the information is requested from the Supplier the Supplier provides the correct information. The Auditor needs to pay special attention on the clarification of the correct revisions during the audit. FangMei Chu is hoping to find a solution to this ongoing issue. Guidance from the Task Group was in the future if a Subscriber sends a Staff Engineer a request to look at a revision issue that the Staff Engineer investigate and if warranted, raise an NCR in the audit to address the concern.

# NDT SYMPOSIUM: AN UPDATE ON UV-A LED LAMPS – OPEN

The following individuals presented the Symposium on UV-A-LED Lamps:

David Geis – Magnaflux

Marc Breit – SECU-CECK

Betty Cheng – Spectroline

Lisel Rehn Athanasiadis - Labino. Lisel was also a participant in the preparation of the presentation but unfortunately was not able to make it to the meeting.

# PRI REPORT / RAIL / NMC METRICS – OPEN

Phil Ford presented the New Members Presentation that provides a snapshot of leadership and team membership, including a brief history of the program, meeting schedules and checklists.

Phil Ford presented the Staff Report. It was noted that we are still in need of unrestricted auditors, as well as multi-language auditors. Currently NDT has 58 auditors, which includes Staff Engineers.

Rick Gasset asked if it is a mandatory requirement to upload the Supplier’s procedures or is it still voluntary. The guidance provided was that these should be provided at least 30 days prior to the audit or an NCR will be issued. Rick Gasset asked who will have access to Supplier’s documents. Phil Ford advised that only the relevant Auditor will have access to uploaded documents. Once the audit is completed, documents are purged from the system. This item was further clarified by the Standardization Committee that the self-audit has to be uploaded at least 30 days prior to the audit but the procedures can be either uploaded into eAuditNet or provided to the Auditor on the date agreed with the Auditor.

Dave Gray suggested that PDF files might have to be uploaded a few at a time as he has had an experience where he thought he had uploaded everything but they all did not upload.

Andy Bakewell asked if there is a need to send out an Open Advisory to notify all Suppliers of the requirements to upload only the self-audit checklists to eAuditNet, and then within the agreement with the Auditor send the procedures. Dave Royce suggested that we should see how the new requirement works out with the knowledge that we have it on the agenda for the June 2017 Berlin meeting to review and discuss. It was noted that mass e-mails had already been sent out to all Subscribers and Suppliers addressing these issues.

Although we do not show observation audits in the NMC report, we currently have 6 audits scheduled or completed by Observers; reports have yet to be submitted into the system.

Phil Ford offered once again that we are looking for participants to contribute to the NDT Newsletter.

# CLARIFICATION DATA BASE – OPEN

Andy Bakewell discussed the Clarification Data Base (CDB).

AC7114 to AC7114/2 - only have open items. The other check lists do not have any other items and thus were not reviewed.

AC7114 line 34 - Dave Gray suggested that, “Which methods need to be included in the exams and to what extent” is not as confusing as once thought. Dale Norwood stated that there needs to be an agreement between AIA and the European Group before a resolution can be posted. The AIA has been waiting on the European Group for a response for 6 months so far.

AC7114 line 16 – Curt Powell received a finding because he has a specific examination containing lookup type questions. His concern was that the database currently indicates ‘some’ rather than all. The ensuing conversation indicated that instructions clarified that all questions now are required to no longer be lookup. Curt’s discussion was that he felt he was misled by the CDB as it says some. It was further discussed that this item was listed in 2010 and is no longer current. Curt asked if there was a way to go back and eliminate these types of conflicting information so that others do not have the same issue. Andy Bakewell suggested that it would be a good idea but it is an extensive amount of work to perform that function.

Further discussion asked that for specific examinations that contain more than 30 questions and some are found to be look up type, that those “look up” questions get disqualified.

Justin Payne expressed that the discussion did not resolve Curt’s original question and still requires to be resolved in order to eliminate future confusion. It was agreed to remove the word ‘some’ from the CDB to resolve Curt’s initial concern.

Alain Bouchet wanted to discuss that to his recollection the resolution from previous meetings was to add questions to allow for this type of issue. If you had a minimum of 30 questions right, it is no longer an issue.

Dave Royce provided that the interpretation from AIA is that all specific examination questions are required to be non-look up in nature and that we have to follow the requirements of NAS410.

# SUPPLIER REPORT & DISCUSSION – OPEN

Gary White delivered the Supplier Support Committee (SSC) Task Group presentation. Gary talked about the Business Development Brochure that other Suppliers might want to use as a resource. It is available in eAuditNet should anyone wish to download and review it.

# TECHNICAL ISSUES AND OPEN DISCUSSION ITEMS – OPEN

Alain Bouchet stated that during an oversight audit of the Measurement and Inspection (M&I) Task Group it was shown that some of the checklist questions were not in alignment with quality system requirements. All Task Groups are requested to review their checklists for compliance and not for existence. The Task Group then reviewed AC7114 section 8. Calibration 8.1.1. Andy Bakewell suggested changing the verbiage to “Do calibration procedures adequately address the requirements for calibration of NDT equipment?”

Then moved on to 8.2 and 8.3

8.2 revise to say “Do…..”

8.3 revise to “Does….”

Task Group discussion ensued around what exactly the Aerospace Quality Systems (AQS) Task Group is looking for. Should we defer back to AQS for clarification?

Dave Royce asked should we defer this to the AC7114 for review and action?

Curt Powell suggested that we remove the term “adequate” as it is too subjective. Conversation went back to rewording question 8.1.1.

Susan Frailey, AQS Staff Engineer, was asked to provide some clarification and we were told that training will be provided within the next month or so that will address the rewording of checklist questions to meet the intent of the Oversight Audit Group.

It was agreed that we will review this training item.

Steve McCool asked about the working distance found on the new UV LED lamp certification. Do we want this as a finding? Should this be part of the checklist? Cathy Daly suggested that we utilize the words “when possible”. Scott O’Connor referenced that small parts typically get inspected closer to the item being inspected. Dave Gray suggested that it all comes down to training. This is an automatic reflex.

Curt Powell requested that we apply caution when creating the terminology for the checklist so we don’t create additional confusion.

Chris Stevenson suggested that when procuring these UV LED’s that the Supplier buys the correct lamp for the application.

Rick Gasset asked if we are addressing minimum working distances should we not also be asking about maximum working distances.

Dave Royce summarized that we need to take the advice of all participants and be cautious when we write the requirement into the checklists.

Andy Bakewell raised a question on what results need to be available to review to see if calibration practice is acceptable. Is simply checking that a calibration sticker is on the equipment acceptable? Dave Gray feels that the calibration laboratory should control that. Andy Bakewell stated that different Auditors have a different take on what is expected to be available for review. It was discussed that the Auditors are to follow the Compliance Assessment Guidance (CAG) to perform this function. Justin Payne discussed that we need to rely on the certificate that contains all of the data. Rick Gasset asked if there have been any findings on this issue and the results were no. Yosenia Romera suggested addressing this by flowing down these requirements on the Purchase Order (PO) and if the certification does not comply with the PO requirements then they reject the report.

Relative to NAS410 Dave Gray stated that if we ourselves are not clear on the requirement should our Auditors be writing findings against it. If we are waiting for clarification how can we write the findings? Dale Norwood reiterated that AIA has reviewed and sent to the European Group for concurrence.

Motion made by Dave Gray and seconded by Dave Mitchell to request that until consensus is received from the AIA/European Group that findings are no longer written on either common methods or other methods. Motion Passed / Majority vote.

Justin Payne asked that we review Job Tracker to add a query capability to address how many jobs were reviewed per Subscriber. It was agreed that Staff Engineers will take this question to eAuditNet to address.

ACTION ITEM: PRI Staff to request clarification from eAuditNet Support to see if a report on the number of jobs run for each Subscriber can be run. (Due Date: 09-Mar-2017)

Curt Powell questioned AC7114/1 5.12.1, 5.12.2, 5.12.4, 5.12.5, 5.12.6, 5.12.7, which addresses oven calibration for the controller and indicator. Curt Powell asked does the quarterly requirement apply to 5.12.1. Andy Bakewell discussed that 5.12.3 applies to both 5.12.1 and 5.12.2. The suggestion is that the checklist be renumbered to clarify the application of the calibration frequency. To be further discussed tomorrow.

Dave Mitchell mentioned that the ASTM E1417 paragraph 7.8.4.7 addresses the same issue.

ACTION ITEM: PRI Staff to change the question numbers on the DCS in preparation for the new ballot. (Due Date: 12-Mar-2017)

Doug Davies brought up a question on UV LED’s and the term in AC7114/1 paragraph 5.13.13 “Good Condition” as he feels this needs to be clarified. If you lose one LED of the array is the lamp considered acceptable and considered “good”? Marc Breit was asked to provide some clarification but it requires further discussion. Can we revise the question to “Is the UV LED functional and in compliance with the manufacturer’s certification”? Proposal is that if the lamp passes all of the daily performance requirements should it not be acceptable to use? Proposal made to add a CAG to define ”Good Condition”.

Motion by Scott Wegener and seconded by Dave Mitchell to turn this back to both the PT and MT subgroups for resolution. Motion Passed.

ACTION ITEM: PRI Staff to add this question to the DCS for review by the PT and MT method teams. (Due Date: 09-Mar-2017)

# NADCAP AND NDT PROCEDURE REVIEW – OPEN

Liz Strano presented the NDT procedure review.

The NDT Appendices to OP1114 & OP1116 have no changes.

PD1100 revisions were presented.

OP1102 revisions were presented

OP1105 revisions were presented

OP1106 revisions were presented

OP1112 revisions were presented

OP1114 revisions were presented

OP1116 revisions were presented

OP1118 revisions were presented

OP1123 revisions were presented

OP1124 revisions were presented

# NEW BUSINESS – OPEN

Dave Royce asked if anyone was willing to provide articles for the NDT Newsletter it would be greatly appreciated. If we receive no articles then we are unable to provide one.

Membership status presentation was reviewed by Phil Ford.

Motion made by Scott Wegener and seconded by Dave Cohn to add Mitsuyoshi Uematsu of MHI as a Subscriber Alternate Voting Member. Motion passed.

Motion made by Gary White and seconded by Rick Gasset to add Sheldon Emmanuel of DCI Aerotech as a Supplier Voting Member. Motion passed.

Motion made by Gary White and seconded by Dave Cohn to move Vittoria Pianese from a Subscriber Voting Member to a Supplier Voting Member with Leonardo. Motion passed.

Motion made by Jim Winters and seconded by Scott Wegener to add Stan Revers of Senior Aerospace as a Supplier Alternate Voting member. Motion passed.

Dave Royce has previously approved David Campbell as Supplier Alternate Voting Member and Mark Pompe, both of West Penn Testing, will become the Supplier Voting Member.

Phil Ford presented a question on OP 1114 Paragraph 4.9.2.2 – Is the document clear as this is an Auditor training issue or does the document require clarification? Dave Royce suggested to leave as is.

A Supplier asked, if a UV Light Meter – DLM-1000 has spectral range of 320 – 380 nanometers, is it acceptable to use as the range defined in the checklist is 320-400 nanometers. Is this meter acceptable to use? Yes is the TG consensus.

Film Badges for Radiography Audits. The Supplier’s safety procedure requires that visitors wear film badges. Does this restrict Auditor’s access to the area? Potential resolution would be for the Auditor to wear a pocket dosimeter provided by the Supplier if required.

The Preliminary Questionnaires (PQ) for NDT and Chemical Processing (CP), s-frm 04 & 09, were reviewed as they were not in alignment, which can cause an issue in eAuditNet when searching for Suppliers accreditations. The NDT PQ had been split to bring out immersion and swab etch per the request of the Chemical Processing Task Group but NDT did not address the industry standards as they were not required (optional for Chemical Processing). The TG looked at the two PQ’s to see if they could be aligned. Fredric Girard was asked if he had any issue with aligning these forms and he responded no. It was proposed to the group and they concur that there is no issue with alignment.

Motion made by Dave Cohn and seconded by Doug Davies to approve merging these two documents. Motion Passed.

ACTION ITEM: PRI Staff to bring both NDT and CP PQ’s into alignment and obtain concurrence from the Chemical Processing Staff Engineer. (Due Date: 09-Mar-2017)

If UV LED Lamps are older and prior to certification requirements of ASTM E3022 can they still be used? It was discussed in the symposium yesterday that if the lamp cannot be re-certified it shall be disposed of. Chris Stevenson clarified that for Rolls Royce if you don’t have a certificate the light cannot be used. Tony Warren commented that previously it was resolved that lights manufactured prior to ASTM E3022 inclusion will continue to be allowed. Potential resolution is to issue an Open Advisory indicating that some Subscribers require only lamps that are certified IAW ASTM E3022. Dave Cohn added that it is a contractual requirement to work to the current specification. In the symposium it was discussed that manufacturers could potentially re-certify a lamp. This is a potential alternative to buying a new lamp. Andy Bakewell asked if we then can use an old radiometer to measure lights. Dave Royce suggested to utilize your self-audit to obtain certification for the lamp from the manufacturer or to buy a new one.

Motion made by Dave Cohn and seconded by Doug Davies to create an Open Advisory to all Suppliers and Subscribers that the expectation is to comply with ASTM E3022 or other Subscriber requirements at time of audit. This can be satisfied by either obtaining a new light or re-certifying current lights. Motion Passed.

ACTION ITEM: PRI Staff to raise an Open Advisory to address UV LED approval of old lights. (Due Date: 09-Mar-2017)

UV protective glasses worn by inspectors reduce UV intensity was discussed. Is this acceptable to wear during inspection? It was resolved that there is no requirement within the checklist to restrict or prohibit thus it is acceptable.

Dave Mitchell raised a question on the validity of the question AC7114/3 Paragraph 5.1.7.1. He was unsure what the term validating means. How is that performed? Recommendation is to defer to the Sub Team.

Motion made by Dave Mitchell and seconded by Scott Wegener to defer the question to the UT Sub Group. Motion Passed.

ACTION ITEM: PRI Staff to add this question to the DCS for review by the UT Method Team. (Due Date: 09-Mar-2017)

Curt Powell requested clarification on AC7114 Paragraph 5.5.3. Phil Ford provided explanation that this section is asking for information on who certified the current Level 3. Curt Powell asked for further clarification. Dave Royce provided that the intent is to capture who is certifying the Level 3. This will be added to the DCS for clarification.

ACTION ITEM: PRI Staff to add this question to the DCS for review by the Method Team: (Due Date: 09-Mar-2017)

Dave Mitchell asked for clarification on AC7114/3 Paragraph 5.1.5. The question is not clear on intent. He suggests that this is on X, Y, Z type scanning systems that can be measured.

Motion made by Dave Mitchell and seconded by Jim Winter to defer the question to the UT Sub Group. Motion Passed. One abstention.

ACTION ITEM: PRI Staff to add this question to the DCS for review by the UT Method Team: (Due Date: 09-Mar-2017)

Dave Gray questioned ITAR requirements. Guidance offered by Dave Royce was that you should not post anything in eAuditNet that is ITAR controlled. Andy Bakewell wanted to clarify that this was referring to the recent requirement of uploading everything to eAuditNet. Gary White clarified that the guidance is to not upload anything ITAR controlled to eAuditNet. Dave Royce mentioned that this is not the only TG with these issues so NDT should not be seeking resolution but rather the matter should be addressed at NMC. The instructions for uploading documents were reviewed.

# OP 1110 AUDIT FAILURE – OPEN

Phil Ford identified that there is a requirement to review the audit failure process once every two years. Phil Ford reviewed the data for discussion or potential action. Resolution was to leave it at the current values.

Tony Warren discussed that he is concerned that amalgamation is utilized to stop failed audits which may skew the current failure numbers.

Motion made by Justin Payne and seconded by Dave Mitchell to approve leaving the current failure numbers as is. Motion Passed.

Alain Bouchet asked if the Task Group is interested in preparing a checklist on Thermography. This will be further discussed via e-mail.

ACTION ITEM: PRI Staff to send an e-mail to all Subscribers to see if a new checklist is required. (Due Date: 09-Mar-2017)

# AD HOC TEAM BREAK OUT SESSION – OPEN

Phil reviewed the Ad-HocTeam presentation.

Phil asked a question regarding the NDT Appendices to OP 1114 and OP 1116 - Do we need a team set up to review them or is it acceptable for Staff to continue to look after the Appendices? Guidance was to keep it as it is as there would be a chance to review the documents when they went to ballot.

Motion made by Scott Wegener and seconded by Dave Cohn to approve that there is no need for a team to manage the NDT Appendices. Motion Passed.

Ad Hoc OAAP Team additions requiring a vote to participate.

Pascal Sorguis (French NANDTB)

Karoly Mordavszky (Hungarian NANDTB)

Ewa Okrutniak (Polish NANDTB)

Lothar Kuehnberg (German NANDTB)

Jean Pierre Pollien (Swiss NANDTB)

Phil Keown (Consultant)

Motion made by Alain Bouchet and seconded by Dave Cohn to approve these 6 individuals to participate on the OAAP Ad-Hoc Team. Motion Passed.

Dave Royce appointed Jim Fowler as the chair of the Grit Blast Ad-Hoc Team. Jim Fowler to send out a Grit Blast questionnaire for Subscribers to complete and send back to the team for consideration of adding either to baseline checklist or creating a supplement.

Phil Ford presented the OAAP presentation to the open meeting.

# AD HOC TEAM REPORT OUT – OPEN

Phil Ford presented the Ad-Hoc Team report.

Phil Ford OP1114 NDT Appendix for changes. Currently paragraph 4.2.2.1 was removed and document renumbered. Para 4.2.9, 4.2.9.1 was removed and document renumbered. Para 4.9 moved within the document. These changes will go out for ballot after this meeting.

Curt Powell wanted to address the main/satellite question. It doesn’t seem right that if it is found in the main it becomes a finding in the satellite operation. This seems punitive because if you have three different PT areas in one building,  you only get one finding but if you have three lines over three buildings you get three findings. Phil Ford went over the requirement explaining the requirement of the operating procedure and explained that if the same procedural finding was seen in the main and satellite facility then only one NCR would be raised to address both findings, as they would be tied together, not one finding for the main and another finding for the satellite. It was stated if these were compliance issues then a new finding would be raised for each issue at each facility and Curt Powell was satisfied with the explanation.

Discussion ensued around film pushers’ qualification, now that we have digital radiography. If the system is fully automated and written practice states these individuals do not need to be certified it is acceptable practice? Should this be included in the CDB? The answer was yes. Andy Bakewell will be adding into the AC7114/4 sheet and possibly the AC7114. Is it more applicable to be added to the checklist as a CAG? Dave Royce agreed and this will be sent to Method Sub Group for consideration. Alain Bouchet wanted to discuss other individuals with limited tasks. It was agreed that if it was addressed in the written practice it is acceptable.

# METHOD TEAMS & DOCUMENT CHANGE SPREAD SHEET (DCS) – OPEN

Phil Ford presented the Method Team report.

Lou Grijalva has agreed to become the new chair of AC7114/3/7.

A review of the DCS was held.

The AC7114/6 CR & AC7114/8 DDA Method Group has elected to hold off on balloting their checklists at this time. The checklists are not currently a baseline and Suppliers require Subscriber approval prior to carrying out a Nadcap audit for accreditation. The intent is to baseline these documents and begin to put in mandatory information and optional information. This will take some time and the team will then submit for ballot. This will open the audit up for all to obtain approval without having Subscriber approval first. Chris Stevenson will be polling Subscribers for specific requirements and frequencies to include in the baselines.

The AC7114/4 DCS was reviewed and all open items discussed. Changes are done and the document will go out for ballot shortly.

The AC7114/5 DCS was reviewed and all open items discussed. Changes are done and the document will go out for ballot shortly.

AC7114/7 DCS No Changes.

The AC7114/3 DCS was reviewed and all open items discussed. Changes are done and the document will go out for ballot shortly.

The AC7114/1 DCS was reviewed and all open items discussed. Changes are done and the document will go out for ballot shortly.

The AC7114/2 DCS was reviewed and all open items discussed. Changes are done and the document will go out for ballot shortly.

The AC7114 DCS was reviewed and all open items discussed. Changes are done and the document will go out for ballot shortly.

# METHOD TEAM REPORT OUT – OPEN

No report out was presented as Methods were reviewed and addressed by entire Task Group.

# REPORT OUT OF PLANNING & OPERATIONS MEETING – OPEN

Dave Royce reported out on the Planning & Ops meeting.

Staff presented the P&O Survey presentations as requested by the NMC.

# SSC REPORT OUT ON THE SSC MEETING – OPEN

Gary White reported out on the SSC General Meeting.

# DEVELOP AGENDA FOR JUNE 2017 MEETING – OPEN

The June 2017 meeting is to be held in Berlin, Germany.

It was agreed that the schedule will remain at four days for the Berlin meeting and will be quite similar to the schedule from the New Orleans meeting.

# RAIL & CLARIFICATION DATA BASE REVIEW – OPEN

Staff will make revisions to the RAIL and it will be posted on eAuditNet.

Andy Bakewell reviewed the current status of the CDB including Justin Payne’s requested changes to CDB.

Motion made by Andy Bakewell and seconded by Justin Payne to approve the revisions to the CDB posted from this meeting. Motion Passed

# MEETING FACILITATION – OPEN

Dave Royce asked for feedback on the facilities for the New Orleans meeting.

Motion made by Harry Hahn and seconded by Alain Bouchet to approve the adjournment of this meeting. Motion Passed.

ADJOURNMENT – 23-Feb-2017 – Meeting was adjourned at 11:51 am.

Minutes Prepared by: Steve McCool – [steve.mccool@honeywell.com](mailto:steve.mccool@honeywell.com)

|  |  |  |
| --- | --- | --- |
| \*\*\*\*\* For PRI Staff use only: \*\*\*\*\*\*  Are procedural/form changes required based on changes/actions approved during this meeting? (select one)  YES\*  NO  \*If yes, the following information is required: | | |
| Documents requiring revision: | Who is responsible: | Due date: |
| OP1114 APP NDT | Phil Ford | Completed |
| srfm04 | Phil Ford | Completed |