**CONFIRMED MINUTES**

**23-FEB-2017**

**NEW ORLEANS, LOUISIANA, USA**

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

**THURSDAY, 23-FEB-2017**

# OPENING COMMENTS

## Call to Order / Quorum Check

The Nadcap Management Council (NMC) Meeting was called to order at 8:00 a.m., 23-Feb-2017.

A quorum was established with the following representatives in attendance:

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | NAME |  | COMPANY NAME |  |
|  |  |  |  |  |
|  | Ken | Abram | Honeywell Aerospace |  |
|  | Jason | Adams | Lockheed Martin Corp. |  |
|  | Mark | Antonellis | BAE Systems |  |
|  | Pedro | Aranda | Eaton, Aerospace Group |  |
|  | Randy | Armstrong | Raytheon Co. |  |
|  | Nigel | Ashby | GKN Aerospace - Filton |  |
|  | Tomohiko | Ashikaga | Mitsubishi Heavy Industries, Ltd. |  |
|  | David | Bale | Pratt & Whitney Canada |  |
|  | Chuck | Beargie | UTC Aerospace (Goodrich) |  |
|  | Albert | Berger | GE Aviation |  |
|  | Lee | Bierbower | Honeywell Aerospace |  |
|  | Mark | Binfield | UTC Aerospace (Goodrich) |  |
|  | Roger | Bloomfield | UTC Aerospace (Goodrich) |  |
|  | Richard | Blyth | Rolls-Royce |  |
|  | Elaine | Boswell | Rolls-Royce |  |
|  | Alain | Bouchet | SAFRAN Group |  |
|  | Malik | Boutoba | Airbus Helicopters |  |
|  | Craig | Bowden | BAE Systems - MAI (UK) |  |
|  | Juergen | Burchards | MTU Aero Engines AG |  |
|  | Zeljko | Calija | UTC Aerospace (Goodrich) |  |
|  | Jeff | Cerre | Textron Aviation |  |
|  | David | Chang | Rolls-Royce |  |
|  | Elizabeth | Chapman | Triumph Group |  |
|  | Saeed | Cheema | Textron Aviation |  |
|  | Mike | Clark | Lockheed Martin Corp. |  |
|  | Ron | Cohen | IAI - Israel Aerospace Industries |  |
|  | Russell | Cole | Northrop Grumman |  |
|  | Mike | Coleman | The Boeing Company |  |
|  | Glen | Cork | Spirit AeroSystems |  |
|  | Richard | Costantino | UTC Aerospace (Goodrich) |  |
|  | Karen | Dannis | BAE Systems |  |
|  | David | Day | GE Aviation |  |
|  | Kent | DeFranco | Lockheed Martin Corp. |  |
|  | Susan | Degenhart | Lockheed Martin Corp. |  |
|  | Karyn | Deming | UTC Aerospace (Goodrich) |  |
|  | Alexander | Diskin | IAI - Israel Aerospace Industries |  |
|  | Steven | Dix | Eaton, Aerospace Group |  |
|  | Aaron | Duncan | Honeywell Aerospace |  |
|  | Jean-Luc | Dupain | SAFRAN Group |  |
|  | Mark | Emerson | Rolls-Royce |  |
|  | Achim | Enzmann | Airbus Helicopters |  |
|  | Bertrand | Fath | Airbus Helicopters |  |
|  | Rebecca | Finlay | GE Aviation |  |
|  | Ray | Fontanares | The Boeing Company |  |
|  | Jocelyn | Fortin | SAFRAN Group |  |
|  | Edward | Friedman | Northrop Grumman |  |
|  | Javier | Garcia-Baeza | Airbus |  |
|  | Roy | Garside | Rolls-Royce |  |
|  | Robert | Gilbert | Lockheed Martin Corp. |  |
|  | Cristina | Gonzalez-Perez | Airbus Defence & Space |  |
|  | Claudia | Granados | Honeywell Aerospace |  |
|  | Dan | Graves | UTC Aerospace (Goodrich) |  |
|  | Harry | Hahn | GE Aviation |  |
|  | Milan | Hanyk | Honeywell Aerospace |  |
|  | Glen | Heide | The Boeing Company |  |
|  | Nick | Heiing | Héroux-Devtek Inc. |  |
|  | Brett | Hemingway | BAE Systems - MAI (UK) |  |
|  | Rodney | Holt | Triumph Group |  |
|  | Jerry | Hulin | GKN Aerospace - Filton |  |
|  | Scott | Iby | UTC Aerospace (Hamilton Sundstrand) |  |
|  | Joakim | Idetjärn | GKN Aerospace Sweden AB |  |
|  | Akiko | Inoue | Mitsubishi Heavy Industries, Ltd. |  |
|  | Dave | Isenberg | Parker Aerospace |  |
|  | Kazuhiro | Kajima | Mitsubishi Heavy Industries, Ltd. |  |
|  | Patrick | Kiernan | Rolls-Royce |  |
|  | Karen | Kim | Lockheed Martin Corp. |  |
|  | Lennart | Klason | GKN Aerospace Sweden AB |  |
|  | Uwe Alexander | Kleinert | Airbus Helicopters |  |
|  | John | Knie | The Boeing Company |  |
|  | Jeff | Koss | The Boeing Company |  |
|  | Bob | Koukol | Honeywell Aerospace |  |
|  | Holger | Krueger | Airbus |  |
|  | Timothy | Krumholz | Rockwell Collins |  |
|  | Vijay | Kumar | Lockheed Martin Corp. |  |
|  | Serge | Labbé | Héroux-Devtek Inc. |  |
|  | Eric | Le Fort | Sonaca |  |
|  | Marc-André | Lefebvre | Héroux-Devtek Inc. |  |
|  | Herman | Leibovich | Israel Aerospace Industries |  |
|  | Andrew | Leslie | BAE Systems |  |
|  | Susan | Lewis | Lockheed Martin Corp. |  |
|  | Hongping | Li | COMAC |  |
|  | Lance | Loeks | The Boeing Company |  |
|  | Simon | Long | Airbus |  |
|  | Howard (Jeff) | Lott | The Boeing Company |  |
|  | Dan | Loveless | Parker Aerospace |  |
|  | Joe | Lundin | UTC Aerospace (Goodrich) |  |
|  | Adrien | Maffre | Airbus (Akka on behalf of) |  |
|  | Scott | Maitland | UTC Aerospace (Goodrich) |  |
|  | Veronique | Marcel | SAFRAN Group |  |
|  | Frank | Mariot | Triumph Group |  |
|  | Doug | Matson | The Boeing Company |  |
|  | David | McCallister | Pratt & Whitney |  |
|  | Steve | McDonough | Triumph Group |  |
|  | Jennifer | McKeegan | Textron Aviation |  |
|  | Frank | McManus | Lockheed Martin Corp. |  |
|  | Charles | Mendes | GE Aviation |  |
|  | Angelina | Mendoza | UTC Aerospace (Goodrich) |  |
|  | Roger | Merriman | Textron Aviation |  |
|  | John | Merritt | Lockheed Martin Corp. |  |
|  | Neil | Metcalfe | GKN Aerospace - Filton |  |
|  | Scott | Meyer | UTC Aerospace (Goodrich) |  |
|  | Joel | Mohnacky | UTC Aerospace (Hamilton Sundstrand) |  |
|  | Patrik | Nilsson-Alveblom | GKN Aerospace Sweden AB |  |
|  | Tom | Norris | UTC Aerospace (Goodrich) |  |
|  | Dale | Norwood | Parker Aerospace |  |
|  | Scott | O'Connor | Honeywell Aerospace |  |
|  | Junta | Okutsu | Honeywell Aerospace |  |
|  | Ashley | O'Shea | The Boeing Company |  |
|  | Rick | Ouellette | The Boeing Company |  |
|  | John | Pfeiffer | GE Aviation |  |
|  | Eddy | Pham | Northrop Grumman |  |
|  | Jeremy | Phillips | Textron Aviation |  |
|  | Earl | Pruett | Lockheed Martin Corp. |  |
|  | Eric | Przybylowicz | Honeywell Aerospace |  |
|  | Robert | Rainone | UTC Aerospace (Goodrich) |  |
|  | Sunder | Rajan | Raytheon Co. |  |
|  | Mickael | Rancic | SAFRAN Group |  |
|  | Mark | Rechtsteiner | GE Aviation |  |
|  | Per | Rehndell | GKN Aerospace Sweden AB |  |
|  | Amanda | Rickman | Raytheon Co. |  |
|  | Michael | Roberts | Gulfstream / General Dynamics |  |
|  | Norberto | Roiz-Lafuente | Airbus Defence & Space |  |
|  | Dave | Royce | Pratt & Whitney |  |
|  | Pedro | Ruiz Requena | Airbus Defence & Space |  |
|  | Davide | Salerno | Leonardo S.p.A. - Divisione Velivoli |  |
|  | María | Sánchez-Arjona | Airbus Defence & Space |  |
|  | Salvatore | Santangelo | UTC Aerospace (Hamilton Sundstrand) |  |
|  | Mike | Schmidt | GE Aviation |  |
|  | Victor | Schonberger | IAI - Israel Aerospace Industries |  |
|  | Udo | Schuelke | Honeywell Aerospace |  |
|  | Christian | Schwaminger | MTU Aero Engines AG |  |
|  | Scott | Severson | Rockwell Collins |  |
|  | Lindsey | Shaw | Raytheon Co. |  |
|  | Jessica | Shepard | GE Aviation |  |
|  | Tetyana | Shmyreva | Rolls-Royce |  |
|  | Ranganathan | Srinivasan | ST Aerospace Ltd. |  |
|  | Michael | Steele | The Boeing Company |  |
|  | Christopher | Stevenson | Rolls-Royce |  |
|  | Mike | Stolze | Northrop Grumman |  |
|  | Marc | Taillandier | Airbus Helicopters |  |
|  | Jeffrey | Thyssen | GE Aviation |  |
|  | Steven | Tooley | Rolls-Royce |  |
|  | Andrew | Toth | Rolls-Royce |  |
|  | Fabrice | Trebeden | Airbus Helicopters |  |
|  | Stanley | Trull | Honeywell Aerospace |  |
|  | Akie | Uchida | Mitsubishi Heavy Industries, Ltd. |  |
|  | Mitsuyoshi | Uematsu | Mitsubishi Heavy Industries, Ltd. |  |
|  | Nouman | Usmani | GE Aviation |  |
|  | Cyril | Vernault | SAFRAN Group |  |
|  | Kara | Warrensford | Honeywell Aerospace |  |
|  | Patricia | Wesemann | The Boeing Company |  |
|  | Gary | Winters | Northrop Grumman |  |
|  | Paul | Woolley | Rolls-Royce |  |
|  | Robin | Worley | Parker Aerospace |  |
|  | Sergey | Yesilevich | UTC Aerospace (Hamilton Sundstrand) |  |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | NAME |  | COMPANY NAME |  |
|  |  |  |  |  |
|  | Sohail | Amin | GKN Aerospace |  |
|  | Anita | Andrews | James Fisher NDT |  |
|  | Takahito | Araki | IHI Corporation |  |
|  | Andy | Bakewell | E M Inspection Co Ltd |  |
|  | Lei | Bao | NCS Testing Technology Co., Ltd. |  |
|  | Mark | Bissonette | Canadian Department of National Defence | |
|  | Steven | Booker | DuPont |  |
|  | Claude | Chambon | AUBERT et DUVAL |  |
|  | Charles | Clinton | Meggitt Polymers & Composites |  |
|  | Jim | Cummings | Metal Finishing Company, Inc. |  |
|  | George | Dean | Fountain Plating |  |
|  | Suzanna | DeMoss | 3M |  |
|  | Edward | Engelhard | SOLAR ATMOSPHERES INC. |  |
|  | David | Eshleman | The Young Engineers, Inc |  |
|  | Ramsis | Farag | Auburn University |  |
|  | Alex | Fish | GKN Aerospace |  |
|  | Richard | Freeman | TWI Limited |  |
|  | Michelle | Glass | Kennametal Stellite |  |
|  | Steve | Graham | Boeing |  |
|  | Cynthia | Hagan | NSL Analytical Services, Inc. |  |
|  | Dale | Harmon | Cincinnati Thermal Spray |  |
|  | Bryan | Hebb | AMS Coatings |  |
|  | Jonathan | Hebben | Avcorp Composite Fabrication |  |
|  | Ronald | Hendriks | Chemetall |  |
|  | Kevin | Hineman | ATI Flat Rolled Products |  |
|  | Rick | Ingram | Skills Inc |  |
|  | Andrew | Jackson | AMPP Services Ltd |  |
|  | David | Jordan | Chemetall |  |
|  | Steven | Keck | Carpenter Technology Corporation |  |
|  | Connie | Kelly | CERTIFIED METAL FINISHING, INC. |  |
|  | Eva | Klein | BLADES TECHNOLOGY LTD |  |
|  | Kelie | Lee | AMPP Services Ltd |  |
|  | Jeremy | Leetz | MMS Thermal Processing |  |
|  | Grant | Lilley | Meyer Tool, Inc. |  |
|  | Johanna | Lisa | Continental Heat Treating/Quality Heat Treating | |
|  | Tao | Liu | NCS testing technology |  |
|  | Iain | Mackenzie | Bodycote Heat Treatments |  |
|  | Marty | McAnulty | LPI Industries, A HEICO Company |  |
|  | Cory | McGraw | Orion Industries |  |
|  | Oveis | Nayeri | LISI Aerspace |  |
|  | Jeremy | Needs | Ultra Electronics |  |
|  | Mitch | Nelson | NASA-Jet Propulsion Lab |  |
|  | Ken | Nelson | Continental Heat Treating |  |
|  | Loi | Nguyen | ADVANCED MEDICAL INSTRUMENTS |  |
|  | Hector | Pichardo | Curtiss Wright Controls |  |
|  | Gordon | Porterfield III | Solar Atmospheres, Inc |  |
|  | Karen | Quinn | Orbital ATK |  |
|  | Kevin | Ramlal | Oerlikon Metco (Canada) Inc. |  |
|  | Yesenia | Romero | Aluminum Precision Products |  |
|  | Ben | Rupp | Kaydon/SKF |  |
|  | David | Satlawa | Fountain Plating Co. Inc. |  |
|  | John | Scheuermann | Yankee Casting Co, Inc. |  |
|  | Mike | Schleckman | Voss Industries, LLC |  |
|  | Douglas | Schueller | ABelConn Electronics |  |
|  | Derek | Sicotte | Dirats Laboratories |  |
|  | Chad | Simpson | Paulo |  |
|  | Vitorio | Stana | Avcorp Industries Inc. |  |
|  | Ernie | Stricsek | Carpenter Technology Corp. |  |
|  | Yoshiomi | Sukesada | Asahi Kinzoku Kogyo Inc. |  |
|  | Rhonda | Sutter | Composiflex, Inc. |  |
|  | Vern | Talmadge | Arconic Power & Propulsion - Howmet Thermatech Coatings | |
|  | Arno | Toelkes | Euro-Composites |  |
|  | Jeff | Tomczak | Techmetals |  |
|  | Kevin | Vecchiarelli | Yankee Casting Co., Inc. |  |
|  | Donna | Warner | Heartland Precision Fastener Inc |  |
|  | Wilfried | Weber | PFW Aerospace GmbH |  |
|  | Gary | White | Orbit Industries, Inc. |  |
|  | Heather | Williams | Specialty Plating Inc |  |
|  | Joel | Yu | ALLJACK Technologies, Inc. |  |

***PRI Staff Present***

|  |  |
| --- | --- |
| Ethan | Akins |
| Jerry | Aston |
| Mark | Aubele |
| Linda | Beene |
| Mark | Burval |
| Nigel | Cook |
| Marcel | Cuperman |
| Philip | Ford |
| Susan | Frailey |
| Connie | Hess |
| Rob | Hoeth |
| Mark | Hunkele |
| Crystal | Kurtyka |
| Gabriel | Kustra |
| Jim | Lewis |
| Bob | Lizewski |
| Dave | Marcyjanik |
| Julia | Markardt |
| Carol | Martin |
| Christine | Nesbitt |
| Kellie | O'Connor |
| Joseph | Pinto |
| Justin | Rausch |
| Glenn | Shultz |
| Ian | Simpson |
| Andy | Statham |
| Louise | Stefanakis |
| Michele | Stefanchik |
| Kevin | Wetzel |

## The Conflict of Interest, Code of Ethics and Antitrust policies were reviewed.

## Approval of Previous Meeting Minutes

Motion made by Frank McManus and seconded by Scott Iby to approve the minutes from the previous meeting. Motion passed, and the minutes from the October 2016 NMC Meeting were approved as written.

# AWARDS & ANNOUNCEMENts

## The following appreciation awards were presented:

* For developing and executing practical training on Additive Manufacturing to the welding auditors:
* Jerry Hulin – GKN Aerospace
* Vukile Dumani – GKN Aerospace
* In recognition of service as Task Group Chairperson:
  + Paul Woolley (Rolls-Royce) – Nonconventional Machining & Surface Enhancement (NMSE)

## Jeff Lott confirmed Michael Schmidt (GE Aviation) as the new NMSE Task Group Chairperson.

## Joe Pinto presented Jeff Lott with a Leadership Award for his service as NMC Chairperson. This will be Jeff’s last meeting as Chair and PRI and the NMC appreciate all of his efforts and leadership during his term as Chair. It was also noted that the PRI Board of Directors will be reviewing and confirming the new Chair and Vice Chair at their next meeting in March 2017. Richard Blyth (Rolls-Royce) will become the NMC Chairperson and Frank McManus will become the NMC Vice Chairperson following Board confirmation.

# PRI/Nadcap status reporT

Scott Klavon presented the Nadcap Status report. For more details please see the attached presentation.



# NMC CHAIRPERSONS’ REPORT

Jeff Lott reported on Nadcap’s current activities. For more details, please see the attached presentation.



# Committee Reports

## Metrics

Richard Blyth gave an update on the Metrics Committee activities. Please see the attached presentation for more details.



## Standardization

Bob Koukol gave an update on the Standardization Committee activities. Please see the attached presentation for more details.



## Ethics & Appeals

Scott Iby gave an update on the Ethics & Appeals Committee activities. Please see the attached presentation for more details.



## Oversight

Frank Mariot gave an update on the Oversight Committee activities. Please see the attached presentation for more details.



## Globalization & Strategy

Jeff Lott gave an update on the Globalization & Strategy Committee activities. Please see the attached presentation for more details.



# TASK GROUP REPORTS

The Task Group Chairpersons reported out what their commodities are currently working on. For more details on each Task Group report, please see the attached presentations.

# 

# SUpplier support committee

Dale Harmon gave an update on SSC’s activities. For more details, please see the attached presentation.



# new business

## Next Nadcap Meeting

## The next meeting will be held June 5-8, 2017, in Berlin, Germany at the Estrel Hotel & Convention Centre.

Hotel reservation information can be found on the PRI Website at <http://p-r-i.org/nadcap-meeting-in-berlin-june-2017/>.

Attendees are highly encouraged to pre-register online for the June 2017 meeting to save time and avoid registering the day of the meeting. Subscriber attendees are particularly encouraged to pre-register to avoid delays from the on-site verification process. The online meeting registration is: <https://www.eventbrite.com/e/nadcap-meeting-in-berlin-germany-tickets-28911574297>.

ADJOURNMENT – 23-Feb-2017 – Meeting was adjourned at 10:00 a.m.

Minutes Prepared by: Kellie O’Connor, [koconnor@p-r-i.org](mailto:koconnor@p-r-i.org)

|  |  |  |
| --- | --- | --- |
| \*\*\*\*\* 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: |
|  |  |  |