**CONFIRMED MINUTES**

**FEBRUARY 25, 2016**

**MADRID, SPAIN**

**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, FEBRUARY 25, 2016**

# OPENING COMMENTS

## Call to Order / Quorum Check

The Nadcap Management Council (NMC) Meeting was called to order at 9:00 a.m., 25-Feb-2016.

A quorum was established with the following representatives in attendance:

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | NAME |  | COMPANY NAME |  |
|  |  |  |  |  |
|  | Ken | Abram | Honeywell Aerospace |  |
|  | Pongpaiboon | Akapaiboon | Triumph Structures (Thailand) Ltd. |  |
|  | Monica | Alcala | Honeywell Aerospace |  |
| \* | Latch | Anguelov | SAFRAN Group |  |
|  | Randy | Armstrong | Raytheon Co. |  |
|  | Nigel | Ashby | GKN Aerospace UK |  |
|  | Tomohiko | Ashikaga | Mitsubishi Heavy Industries |  |
| \* | David | Bale | Pratt & Whitney Canada |  |
|  | Justin | Bearden | Triumph Group |  |
|  | Chuck | Beargie | UTC Aerospace (Goodrich) |  |
|  | Roger | Bloomfield | UTC Aerospace (Goodrich) |  |
|  | Robin | Borrelli | The Boeing Company |  |
|  | Elaine | Boswell | Rolls-Royce |  |
|  | Alain | Bouchet | SAFRAN Group |  |
|  | Malik | Boutoba | Airbus Helicopters |  |
|  | Melanie | Bouvier | Airbus |  |
| \* | Craig | Bowden | BAE Systems – MAI (UK) |  |
|  | Christine | Brassine | SAFRAN Group |  |
|  | Heike | Braun | Airbus |  |
|  | Mark | Bredbere | The Boeing Company |  |
|  | Frank | Brungs | MTU Aero Engines |  |
|  | Zeljko | Calija | UTC Aerospace (Goodrich) |  |
|  | Tara | Campbell | Rolls-Royce |  |
|  | William | Cardinal | UTC Aerospace (Hamilton Sundstrand) |  |
|  | Joakim | Carlsson | GKN Aerospace Sweden AB |  |
|  | Saeed | Cheema | Cessna Aircraft Company |  |
| \* | David | Cianfrini | BAE Systems |  |
|  | Mike | Clark | Sikorsky Aircraft |  |
|  | Cedric | Colas | SAFRAN Group |  |
| \* | Russell | Cole | Northrop Grumman |  |
|  | Mike | Coleman | The Boeing Company |  |
|  | Alessio | Colombaro | Finmeccanica, Helicopter Division |  |
|  | Karen | Dannis | BAE Systems |  |
|  | Chris | Davison | Spirit AeroSystems |  |
|  | David | Day | GE Aviation |  |
|  | Kent | DeFranco | Lockheed Martin Corp. |  |
|  | Karyn | Deming | UTC Aerospace (Goodrich) |  |
|  | Branislav | Domko | Honeywell Aerospace |  |
|  | Kevin | Dowling | Spirit AeroSystems |  |
|  | Jean-Luc | Dupain | SAFRAN Group |  |
|  | Philippe | Durand | Airbus Helicopters |  |
|  | Mark | Emerson | Rolls-Royce |  |
|  | Achim | Enzmann | Airbus Helicopters |  |
| \* | Harold | Finch | Spirit AeroSystems |  |
| \* | Hidekazu | Furugori | Mitsubishi Heavy Industries |  |
|  | Roy | Garside | Rolls-Royce |  |
|  | Rob | Gilbert | Lockheed Martin Corp. |  |
|  | Greg | Goldhagen | UTC Aerospace (Hamilton Sundstrand) |  |
|  | Cristina | Gonzalez Perez | Airbus Defence & Space |  |
|  | Simon | Gough-Rundle | Rolls-Royce |  |
|  | Peter | Hammarbo | GKN Aerospace Sweden AB |  |
|  | Ulf | Hampel | MTU Aero Engines |  |
|  | Milan | Hanyk | Honeywell Aerospace |  |
|  | Gerald | Harvey | Triumph Group |  |
|  | Brett | Hemingway | BAE Systems – MAI (UK) |  |
|  | Tommy | Howland | Spirit AeroSystems |  |
|  | Jerry | Hulin | GKN Aerospace |  |
| \* | Scott | Iby | UTC Aerospace (Hamilton Sundstrand) |  |
| \* | Jason | Jolly | Cessna Aircraft |  |
| \* | Masahiro | Kawamoto | MHI |  |
|  | Patrick | Kiernan | Rolls-Royce |  |
| \* | Karen | Kim | Sikorsky |  |
| \* | Kevin | Knox | Rockwell Collins |  |
|  | Takuya | Konno | Mitsubishi Heavy Industries |  |
|  | Manuel | Koucouthakis | Honeywell Aerospace |  |
| \* | Bob | Koukol | Honeywell Aerospace |  |
| \* | Ralph | Kropp | MTU Aero Engines |  |
|  | Holger | Krueger | Airbus |  |
|  | Tim | Krumholz | Rockwell Collins |  |
|  | Vijay | Kumar | Lockheed Martin Corp. |  |
|  | Mitsuharu | Kuya | Mitsubishi Heavy Industries |  |
|  | Patrick | Lafon | Stelia Aerospace |  |
|  | Eric | Le Fort | Sonaca |  |
|  | Marc-Andre | Lefebvre | Héroux Devtek Inc. |  |
|  | Dimitri | Leger | Stelia Aerospace |  |
|  | Stefan | Lemberger | Airbus Helicopters |  |
|  | Cyril | Lerebours | SAFRAN Group |  |
|  | Stephane | Lesueur | SAFRAN Group |  |
|  | Susan | Lewis | Lockheed Martin Corp. |  |
|  | Hongping | Li | COMAC |  |
|  | Lance | Loeks | The Boeing Company |  |
|  | Simon | Long | Airbus |  |
| \* | Jeff | Lott | The Boeing Company | Chairperson |
|  | Adrien | Maffre | Airbus |  |
| \* | Scott | Maitland | UTC Aerospace (Goodrich) |  |
|  | Muriel | Malhomme | Airbus |  |
|  | Veronique | Marcel | SAFRAN Group |  |
| \* | Frank | Mariot | Triumph Group |  |
|  | Doug | Matson | The Boeing Company |  |
|  | David | McCallister | Pratt & Whitney |  |
|  | Steve | McDonough | Triumph Group |  |
| \* | Frank | McManus | Lockheed Martin Corp. |  |
|  | Eduardo | Mendez Saborido | Airbus Defence & Space |  |
|  | Angelina | Mendoza | UTC Aerospace (Goodrich) |  |
|  | Scott C. | Meyer | UTC Aerospace (Goodrich) |  |
|  | Alessandro | Miglio | Finmeccanica – Helicopters Division |  |
|  | Joel | Mohnacky | UTC Aerospace (Hamilton Sundstrand) |  |
|  | Fabrizio | Montagnoli | Finmeccanica, Helicopter Division |  |
| \* | Marc | Montreuil | Héroux Devtek Inc. |  |
|  | Angela | Nåbo | GKN Aerospace Sweden AB |  |
|  | Tim | Nance | Rockwell Collins |  |
|  | Junta | Okutsu | Honeywell Aerospace |  |
|  | Raul | Olmo Mora | Airbus |  |
| \* | Ana | Ottani dos Santos | Embraer SA |  |
|  | Elisabeth | Pagnoux | Latecoere |  |
|  | Keith | Panuska | Lockheed Martin Corp. |  |
|  | Richard | Perrett | GKN Aerospace |  |
| \* | Jeremy | Phillips | Cessna Aircraft |  |
|  | Vitoria | Pianese | Finmeccanica, Settore Aeronautica |  |
|  | Marco Luigi | Poletto | Finmeccanica, Settore Aeronautica |  |
| \* | Scott | Porterfield | Triumph Group |  |
|  | Earl | Pruett | Lockheed Martin Corp. |  |
| \* | Fabrizio | Quadrini | Finmeccanica, Helicopter Division |  |
|  | Robert | Rainone | UTC Aerospace (Goodrich) |  |
|  | Sunder | Rajan | Raytheon Co. |  |
|  | Muralikrishnan | Ramalingam | GE Aviation |  |
| \* | Mark | Rechtsteiner | GE Aviation |  |
| \* | Per | Rehndell | GKN Aerospace Sweden AB |  |
|  | Alex | Richez | Airbus |  |
|  | Josefa | Rodriguez | Airbus Defence & Space |  |
| \* | Norberto | Roiz-Lafuente | Airbus Defence & Space |  |
|  | David | Royce | Pratt & Whitney |  |
|  | Richard | Rumas | Honeywell Aerospace |  |
|  | Ester | Sala-Bosch | Rolls-Royce |  |
|  | Daniel | Sanchez Vivat | Airbus Defence & Space |  |
|  | Jefferson | Santos Silva | Embraer SA |  |
|  | Udo | Schuelke | Honeywell Aerospace |  |
|  | Ellitott | Schulte | Bell Helicopter |  |
|  | Christian | Schwaminger | MTU Aero Engines AG |  |
|  | Romain | Septfons | SAFRAN Group |  |
|  | Cheng | Sheng | COMAC |  |
| \* | David | Soong | Pratt & Whitney |  |
|  | Ranganathan | Srinivasan | ST Aerospace Ltd. |  |
|  | Mariusz | Stanczyk | Lockheed Martin Corp. |  |
|  | Chris | Stevenson | Rolls-Royce |  |
|  | Mike | Stolze | Northrop Grumman |  |
|  | Yuhui | Sun | COMAC |  |
|  | Marc | Taillandier | Airbus Helicopters |  |
|  | Jeff | Thyssen | GE Aviation |  |
|  | Steve | Tooley | Rolls-Royce |  |
|  | Peter | Torelli | The Boeing Company |  |
|  | Fabrice | Trebeden | Airbus Helicopters |  |
|  | Stanley | Trull | Honeywell Aerospace |  |
|  | Nouman | Usmani | GE Aviation |  |
|  | Mitsuyoshi | Vematsu | Mitsubishi Heavy Industries |  |
|  | Cyril | Vernault | SAFRAN Group |  |
|  | Shawn | Vierthaler | Spirit AeroSystems |  |
| \* | Angela | Vitale | Finmeccanica – Settore Aeronautica |  |
|  | Alun | Williams | Airbus |  |
|  | Tom | Wilson | Bombardier Aerospace |  |
|  | Paul | Woolley | Rolls-Royce |  |
|  | Sergey | Yesilevich | UTC Aerospace (Hamilton Sundstrand) |  |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | NAME |  | COMPANY NAME |  |
|  |  |  |  |  |
|  | Sardo | Agostino | Bytest |  |
|  | Matt | Akin | TrueLogic |  |
|  | Takahito | Araki | IHI |  |
|  | Roni | Asraf | PCB Technologies |  |
|  | Gloria | Badala Del Rio | MASA |  |
|  | Andy | Bakewell | E.M. Inspection Co. Ltd. |  |
|  | Lei | Bao | NCS Testing |  |
|  | Umberto | Baratta | Bytest |  |
|  | Pierre | Barbaza | Ecci |  |
|  | Daphne | Baros | MS Composites |  |
|  | Viktor | Batyrev | KUMZ |  |
| \* | Corwyn | Berger | Exova |  |
|  | Alex | Bogachek | Blades Technology |  |
|  | James | Bolter | RTI Advanced Forming (Alcoa) |  |
|  | Marc | Breit | SECU-CHEK GmbH |  |
|  | Phillip | Brockman | Techmetals Inc. |  |
|  | Susana | Cano | Centro Tratamientos de Superficie, s.l.u. |  |
|  | Hugh | Casper | MTS Systems |  |
|  | Eric | Chabault | Bureau Veritas Laboratoires |  |
|  | Stephane | Chaumeil | Galion |  |
|  | Julien | Corato | Exova |  |
| \* | Jim | Cummings | Metal Finishing Co. |  |
|  | Vitaly | Davidoff | KUMZ |  |
|  | Vicki | Delaney | Haynes Int’l |  |
|  | Cecile | Demeersseman | MS Composites |  |
|  | Pedro J. | Diaz | Mave Aeronautica |  |
|  | Niall | Dodds | Exova Plc |  |
|  | Dennis | Fried | Carpenter Tech. |  |
|  | Fermin | Gomez | Aqa |  |
|  | Mercedes | Gonzalez | Simetrycal |  |
|  | Richard | Haberbosch | Aerotech Peissenberg GmbH & Co. KG |  |
|  | Chris | Harwood | Exova |  |
|  | Ronald | Hendriks | Chemetall |  |
|  | Fabienne | Heron | Sherwin BabbCo |  |
|  | Robert | Jarvis | RTI (Alcoa) |  |
|  | Thomas | Kastranek | Otto Fuchs Kg |  |
|  | Steve | Keck | Carpenter Tech. Corp. |  |
|  | Jens | Kiehn | Otto Fuchs KG |  |
|  | Eva | Klein | Blades Technology Israel |  |
|  | Heinrich | Kuchlbauer | MT Aerospace AG |  |
|  | Holger | Kukla | eifeler Werkzeuge GmbH Schnaittach |  |
|  | Sara | Lara Palmero | ICSA Aernnova |  |
|  | Malcolm | Lennox | Doncasters Chard |  |
|  | Tao | Liu | NCS Testing |  |
|  | Iain | Mackenzie | Bodycote Heat Treatments |  |
|  | Rosa | Martin | Superior Plating |  |
|  | Laura | Martinez | MASA |  |
|  | Ralph | Mast | VDM Metals |  |
|  | Khinlay | Maung | Air Industries – PCC |  |
|  | John | McCabe | Doncasters |  |
|  | Amir | Mendelovich | TechJet Aerofoils Ltd. |  |
|  | Alfredo | Morales | Aciturri Aeronautica |  |
|  | Jeremy | Needs | Ultra Electronics |  |
|  | Roger | Ng | Oerlikon Metco (Canada) Inc. |  |
|  | Owen | O’Grady | Exova |  |
|  | Javier | Orts | Mecanizados Escribano |  |
|  | Matthias | Otter | VDM Metals |  |
|  | Lee | Parsley | Click Bond Inc. |  |
|  | Steve | Payne | Praxair Surface Technologies |  |
|  | Karen | Quinn | Orbital ATK |  |
|  | Burkhard | Reichert | Alcoa |  |
|  | Juan | Rodriguez | Exova MX |  |
|  | Jose Manuel | Rodriguez | Centro Tratamientos de Superficie, s.l.u. |  |
|  | Maria Antonia | Sanchez | Canagrosa |  |
|  | Daniel | Sanchez | Mave Aeronautica |  |
| \* | Mike | Schleckman | Voss Industries |  |
|  | Sergio | Serrano Rubio | Fibertecnic (Aernnova) |  |
|  | Derek | Sicotte | Dirats Labs |  |
|  | Jeffrey | Sipa | Haynes Int’l |  |
|  | Elizabeth | Small | Curtiss-Wright |  |
|  | Hannah | Smith | RTI Advanced Forming (Alcoa) |  |
| \* | Vitorio | Stana | Avcorp |  |
|  | Pasquino | Stefano | Bytest |  |
|  | Levi | Talamantes | Metal Finishing Company LLC |  |
|  | Jeff | Tomczak | Techmetals |  |
|  | Savas | Ulucan | Lisi Aerospace |  |
|  | Kees | Van der Schoor | Fokker Elmo |  |
|  | Bennie | Van Gils | Senior Aerospace Bosman |  |
|  | Donna | Warner | Heartland Fasteners |  |
| \* | Wilfried | Weber | PFW Aerospace GmbH |  |
| \* | Gary | White | Orbit Industries |  |
|  | Samantha | Withers | Exova |  |

***PRI Staff Present***

|  |  |
| --- | --- |
| Ethan | Akins |
| Jerry | Aston |
| Mark | Aubele |
| Richard | Blyth |
| Mark | Burval |
| Nigel | Cook |
| Marcel | Cuperman |
| Bill | Dumas |
| Susan | Frailey |
| Hannah | Godfrey |
| Mike | Graham |
| Mike | Gutridge |
| Connie | Hess |
| Rob | Hoeth |
| Joanna | Kennedy |
| Gabe | Kustra |
| Jim | Lewis |
| Dave | Marcyjanik |
| Julia | Markardt |
| Seema | Martin |
| Shannon | McMeans |
| Christine | Nesbitt |
| Kellie | O’Connor |
| Joe | Pinto |
| Keith | Purnell |
| Justin | Rausch |
| David | Sanchez |
| Glenn | Shultz |
| Ian | Simpson |
| Andy | Statham |
| Louise | Stefanakis |
| Michele | Stefanchik |
| Jon | Steffey |
| John | Tibma |
| 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 Richard Blyth to approve the minutes from the previous meeting. Motion passed, and the minutes from the October 2015 NMC Meeting were approved as written.

# AWARDS & ANNOUNCEMENts

## The following recognition awards were presented:

* For contribution and work on the NMC:
  + Jim Diamond – 309th Maintenance Wing, Hill AFB
* For contribution and work on Materials Testing Laboratories (MTL) Task Group
  + Doug Deaton – GE Aviation
  + Frank Lennert – The Boeing Company
* In recognition of service as Chairperson:
  + Karyn Deming (UTC Aerospace Goodrich) – Chemical Processing (CP)

## The following new Task Group Chairs were announced:

* CP: Mike Stolze, Northrop Grumman
* Fluids Distribution Systems: Samuel Buri, The Boeing Company

# 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

## Nadcap Customer Support Symposia

Joe Pinto gave an update on the Nadcap Supplier Symposia that took place in 2015 and are being planned in North America, Europe and Asia for 2016. For more details, please see the attached presentation.



## Next Nadcap Meeting

## The next meeting will be held June 20-23, 2016, in London, United Kingdom at the Novotel London West Hotel.

Hotel reservation information can be found on the PRI Website at <http://p-r-i.org/nadcap-meeting-in-london-uk-20-24-june-2016/>.

Attendees may pre-register online for the June 2016 meeting to save time and avoid registering the day of the meeting. Alternatively, attendees may register in person by visiting the Nadcap Registration Desk at the Novotel London West beginning Monday, 20-Jun-2016. The online meeting registration is: <http://events.constantcontact.com/register/event?llr=t4cxmocab&oeidk=a07ecas9kw8b9622f4f>.

ADJOURNMENT – 25-Feb-2016 – Meeting was adjourned at 11:00 a.m.

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

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