



**MILITARY DIVISION MINUTES
WITH GOVERNMENT LIAISONS**

Thursday, September 8, 2016
Draper, Reston, VA

Subject to the approval of the ION Military Division Officers, the following minutes are submitted. The meeting of the Military Division Officers and Government Liaisons was called to order on September 8, 2016 at Draper in Reston, VA at 8:30 a.m. Those present were:

VOTING COMMITTEE MEMBERS:

Jan Anszperger, Chair
Elliott Kaplan, Vice Chair

NON-VOTING GOVERNMENT LIAISONS:

Bill Bollwerk
Sharon Donald
John Del Colliano
Greg Graham
Jalal Mapar
Paul Olson
Tom Powell
Neeraj Pujara

OTHER PARTICIPANTS:

Lisa Beaty, ION Executive Director
Fay Spellerberg, JNWC (participating by phone)

AGENDA (expanded):

- 1) Recap of JNC 2016 and Notes from the June 10 Breakfast Meeting: Pujara
- 2) Organization of the JNC 2017 Technical Program, Updated Session Descriptions and Selection of Co-chairs: Pujara
- 3) Review of Security Requirements to Attend JNC: Pujara
- 4) Review of Proposed/New Military Division Liaisons: Anszperger
- 5) Future JNC Sites: Graham
- 6) Change of the Guard: Anszperger/Kaplan
- 7) Military Division Recognition Award: Kaplan
- 8) Wrap-up: Kaplan

Recap of JNC 2016 and Notes from the June 10 Breakfast Meeting: Pujara

The following actions were discussed/agreed to as outlined below.

- It was agreed that the morning and afternoon breaks would be extended by 15 minutes each so the breaks in the exhibit hall would each be 45 minutes long. To accommodate this, it was agreed that the conference schedule would extend until 5:30 p.m.
- Beaty reported that she planned to keep the exhibit hall open throughout the day on Tuesday, 10 a.m. – 8 p.m. with the Exhibitor Hosted Reception from 6-8 p.m. (the hall would not close for reception set up in 2017).
- There were a variety of opinions on having a plenary session at noon on Monday. Some felt the conference should avoid having people travel on Sunday. The consensus was to re-evaluate a Monday plenary pending the availability of a speaker on Monday. However, it was agreed high profile speakers should be scheduled for a day other than Monday when larger audiences are available to them. Pujara felt strongly the conference should provide lunch to attendees on Monday as this was affordable in Dayton and liked the idea of a speaker luncheon.
- The amount of time dedicated to the warfighter panel was discussed. Some felt this could be shortened. It was noted this was an expensive part of the conference, and one of the most popular sessions, so there was no pressure to shorten it unless there was not an adequate number of speakers.
- It was suggested that the conference provide a discussion period at the end of the classified day, in a classified environment, to provide a collaborative period. The idea of hosting a “hot topic” discussion in a classified environment was also discussed.

Review of Security Requirements to Attend JNC: Pujara

There was significant discussion on this topic. The conference’s published attendance security validation criteria was reviewed. The past years’ practices as implemented were also reviewed.

It was decided that the security criteria as published was current and correct but that this criteria needed to be enforced. This meant that people were no longer going to be able to attend sessions/enter the exhibit hall merely based on US citizenship, but they would have to prove/certify DOD contractor/need to know to attend sessions per FOUO/Distribution C policy.

Additionally, it was decided that the exhibit hall would be classed as public release (not FOUO), but still U.S. only, except for the Tuesday night Exhibitor Hosted Reception when it is open to accompanying guests age 21 and over.

Action: For 2017 add security classification levels to event signage. For example, session signs would be labeled “FOUO, Distribution C”; the exhibit hall would be “US Only, Public Release”, etc.

Organization of the JNC 2017 Technical Program, Updated Session Descriptions and Selection of Co-chairs: Pujara

Track Chairs for 2017:

Jan Anszperger
John Del Colliano
Eddie Emile
Paul Olson

Tutorials Chair for 2017:

Tom Powell

Sessions were reviewed. Session chairs were proposed and Graham agreed to provide Beaty with updated session descriptions and session co-chair names by September 30.

Review of Proposed/New Military Division Liaisons: Anszperger

Government Liaisons reviewed the submitted biographies for proposed new liaisons from:

Capt Russell Holmes, USCG
Sarah Mahmood, DHS
Joseph Schnecker, Navy
David Wolfe, USCG

Captain Holmes assumed command of the U.S. Coast Guard Navigation Center (NAVCEN) in July 2015. Under his leadership, NAVCEN provides nationwide differential GPS augmentation signals, monitors the nationwide automatic identification system (NAIS), ensures commercial vessel compliance with Long Range Identification Tracking (LRIT) requirements, publishes maritime advisories and navigation information services, manages the Coast Guard's electronic chart portfolio, and coordinates investigation of civilian GPS outage reports to enhance the safety, security, and efficiency of U.S. waterways. He serves as Deputy Chair of the Civil GPS Service Interface Committee that exchanges information between GPS users world-wide and U.S. government authorities.

Captain Holmes previously served as the Executive Assistant to the Assistant Commandant for Prevention Policy where he provided counsel and coordination across three Coast Guard directorates: Inspections & Compliance, Marine Transportation Systems, and Commercial Regulations & Standards.

Captain Holmes earned his commission and a Bachelor of Science degree in Civil Engineering from the U.S. Coast Guard Academy and served aboard the Coast Guard Cutter HARRIET LANE as an Engineer Officer of the Watch and Deck Watch Officer. He spent time at Marine Safety Office Morgan City, LA inspecting commercial vessels and overseeing port operations, and upon completing his graduate degrees, he worked at the Marine Safety Center conducting stability analysis and plan review for small passenger vessels. In the aftermath of the September 2001 terrorist attacks, his work included development and management of several national security programs including the creation of the National Vessel Movement Center which collects and processes crew and cargo information for all commercial vessels entering the U.S.

In between Alternate Captain of the Port assignments as Deputy Sector Commander Jacksonville, FL and Executive Officer Marine Safety Unit Pittsburgh, PA, he served a two year tour at U.S. Northern Command, serving as the lead exercise planner for the Operations Directorate as well as a civil support planner in the Plans, Policy and Strategy Directorate.

Captain Holmes has a Master of Science in Engineering in Naval Architecture and Marine Engineering and a Master of Engineering in Manufacturing from the University of Michigan. His military awards include the Defense Meritorious Service Medal, Meritorious Service Medal, Coast Guard Commendation Medal, Army Commendation Medal, Coast Guard Achievement Medal and Commandant's Letter of Commendation.

Sarah Mahmood joined the Department of Homeland Security's (DHS) Science & Technology Directorate (S&T) as DHS S&T's energy resiliency Program Manager in 2009. Sarah is responsible for managing all of S&T's energy & electric grid research programs within Resilient Systems Division, such as the Resilient Electric Grid Program and Recovery Transformer Program, for which she received the Under Secretary's award for Program Management. Additionally, Sarah is managing S&T's program on the impacts of critical infrastructures' dependency on GPS. Sarah is a member of various working groups including the Federal Smart Grid Task Force, Energy Sector Government Coordinating Council, and the Office of Science & Technology Policy's Interagency Working Group on

Geomagnetically Induced Currents. She is currently co-leading the National Preparedness Science and Technology Task Force Space Hazard Team.

Prior to joining DHS, Sarah spent six years at the Federal Communications Commission (FCC) providing guidance on both policy and technical aspects of cable & broadcast issues. Sarah is a graduate of Virginia Tech, with a bachelors and masters in electrical engineering.

Joseph F. Schneck heads the Navigation Systems Development Branch at the Space and Naval Warfare Systems Center Pacific. Mr. Schneck has over 33-years of experience in electrical engineering with recognized expertise in navigation technology. He is a subject matter expert in Global Positioning System (GPS) receivers and in radio frequency technology. His experience includes expertise in the principles of radio frequency navigation and systems engineer for the development of Modernized GPS receiver technology and platform integration including maritime domain platforms. These efforts contributed to the configuration and specific technical performance requirements for Navy Air, Surface and Subsurface applications.

Past experience includes acquisition management for the GPS-based Positioning Navigation and Timing Service (GPNTS) program and for Navy GPS Modernization, engineering assignments for spread spectrum communications systems including Military Satellite communications systems and the Link-16 tactical data link, and US Navy airborne communications systems.

Mr. Schneck studied at the Pennsylvania State University where he earned a Bachelor of Science in Electrical Engineering. He earned a Master of Engineering in Engineering Science from the Pennsylvania State University. His awards include an Exemplary Achievement Award and a Meritorious Unit Commendation.

Mr. David Wolfe is the Product Line Division Chief at the United States Coast Guard Command, Control and Communications Engineering Center (C3CEN), Portsmouth, VA, responsible for the C4IT Service Center Product Lines assigned to C3CEN. He is responsible for the entire lifecycle development/sustainment engineering, configuration management & bi-level maintenance for all U.S. Coast Guard Command Centers, the Nationwide/Maritime Differential Global Positioning System (N/DGPS), Short Range Aids to Navigation (AtoN), the Nationwide Automatic Identification System (NAIS), Search and Rescue Communications Systems (Rescue 21/National Distress System) and the Coast Guard's Long range communications shore infrastructure.

Mr. Wolfe has been an active member in the Institute of Navigation & has served as Marine Representative & member of the ION Virtual Museum Committee. He has been heavily involved in the development of international maritime navigation systems standards with the Radio Technical Commission for Maritime Services (RTCM), the International Electrotechnical Commission (IEC) & the International Association of Lighthouse Administrations (IALA).

Prior to his 17 years at C3CEN, Mr. Wolfe was employed by the US Navy Military Sealift Command where he was the combat systems project manager for the Navy's T-AGOS counter-drug squadron and with the Philadelphia Naval Shipyard where he was project manager for Radar Systems and Aircraft Landing Systems. Mr. Wolfe earned his BS in Electrical Engineering from Drexel University in 1990.

Emphasis was placed on balancing representation of Liaisons based on the different services and what unique talents/background individual candidates would bring to the committee that were not currently being covered by an existing committee member.

Based on the current Liaison's and their representing organizations, the Liaisons recommended extending an invitation to Schneck and Holmes to join the Division as Government Liaisons; and recommended deferring review of Mahmood and Wolfe for future consideration.

Action: Beaty to provide draft Military Division Government Liaison letters of invitation for Schneck and Holmes, and draft letters of deferment for Mahmood and Wolfe for Kaplan to review.

Future JNC Sites: Graham

Graham reported that he had been able to secure classified meeting space in San Antonio, Texas and proposed JNC 2018 and 2019 be held in San Antonio.

The Division directed Beaty to investigate if the JNC could be located in San Antonio. Beaty reported that the Marriott had already passed on bidding the 2018 and 2019 business due to the government rate requirement, but informed her they would look at it again a year out if they had availability. Beaty asked the group if they were willing to use the convention center

and pay rental fees from Military Division funds; this would allow all the attendees to book their hotel of choice in their location of choice at the government rate.

Military Division officers Anszperger and Kaplan authorized Beaty to inquire into rented/paid space at the San Antonio Convention Center for June 2018 and 2019.

Action: Beaty to investigate possible San Antonio locations for hosting JNC 2018/2019 (hotel and/or paid convention center) and report back to Kaplan.

Change of the Guard: Anszperger/Kaplan

It was reported that after two years, Jan Anszperger would be stepping down as Military Division Chair and Elliott Kaplan would assume the rolls as Division Chair and John Langer would assume the role as Vice Chair. It was reported that this appointment would be made officially at the ION Council Meeting, September 19, 2016 in Portland, Oregon. It was reported that Anszperger would continue to serve as a Government Liaison.

Military Division Recognition Award: Kaplan

The idea of the Military Division establishing an award was discussed. There were several different ideas on what this should be: a completely new systems engineering award; a warfighter award; or Beaty suggested the Division consider repurposing and sponsoring the ION's Hays Award.

Beaty advised the Division that awards were taken very seriously at ION and any new award would need to be vetted through the ION's awards committee. Additionally, Beaty reported that getting nominations for awards, and reviewing nominations, is a great deal of work and it would be a service to the Division to co-op this with the ION's existing process. Beaty suggested the Division look at the existing criteria, description and past recipient for the Hays Award as she believed this award probably aligned very closely with some of the goals she had heard expressed and suggested the Division endow the Hays Award; it could be presented/re-presented/acknowledged during the JNC meeting.

Wrap-up

The meeting concluded at 4:00 p.m. The next meeting is the JNC Abstract Review and Session Planning scheduled for 28 February 2017 in Dayton, Ohio.