



Northern Virginia Emergency Medical Services Council

Board of Directors Meeting

4081 University Drive, Fairfax, VA 22033

Meeting Minutes

April 12, 2018

DIRECTORS PRESENT (Listed Alphabetically by Last Name)

Beth Adams, Fairfax County Fire and Rescue Dept beth.adams@fairfaxcounty.gov
Byron Andrews, Alexandria Fire Department byron.andrewsiii@alexandriava.gov
Richard Bonnett, Metropolitan Washington Airports Authority richard.bonnett@mwa.com
Jonithan Brantley, City of Fairfax Fire Department jonithan.brantley@fairfaxva.gov
Kathleen Camp-Deal, Northern Virginia Community College kcdrn@cox.net
John Chesek, Fairfax County Fire and Rescue Dept john.chesek@fairfaxcounty.gov
Richard Cohen, PHI Air Medical Virginia rcohen@phihelico.com
Jamie Cooper, Loudoun County Fire & Rescue, jcooper@loudoun.gov
Craig Evans, Ex-Officio Member, Northern Virginia EMS Council craig@vaems.org
Brian Hricik, Alexandria Fire Department brian.hricik@alexandriava.gov
Jason Jenkins, Fairfax County Fire and Rescue Dept jason.jenkins@fairfaxcounty.gov
Mike LaSalle, Prince William County Dept of Fire and Rescue mlasalle@pwcgov.org
Todd Lupton, City of Manassas Fire and Rescue tlupton@ci.manassas.va.us
Anne Marsh, Arlington County Fire Department amarsh1@arlingtonva.us
Wesley Melson, Lifecare Medical Transport wmelson@lifecare94.com
John Morgan, Loudoun County Fire and Rescue john.morgan@loudoun.gov
Keith Morrison, HCA Reston Hospital keith.morrison@hcahealthcare.com
Tom Olander, City of Fairfax Fire Department olander@verizon.net
Tom Oliver, City of Manassas Park Fire and Rescue t.oliver@manassasparkva.gov
Kate Passow, Physician Transport Services kpassow@ptsems.com
Gary Sargent, Northern Virginia Community College gsargent@nvcc.edu
Dr. Scott Weir, Fairfax County Fire and Rescue OMD weirsd@comcast.net
Ray Whatley, Alexandria Fire Department ray.whatley@alexandriava.gov
Jaime Wolfen, HCA StoneSprings Hospital Center jaime.wolfen@hcahealthcare.com

GUESTS

Paul DeHaven, Fairfax County Police Helicopter paul.dehaven@fairfaxcounty.gov
Dan Avstreich, MD, Assoc. OMD Fairfax County Fire & Rescue, avstreich@gmail.com

DIRECTORS NOT PRESENT (Listed Alphabetically by Last Name)

Michelle Beatty, Loudoun County Fire and Rescue michelle.beatty@loudoun.gov
Bosephus Bennett, Arlington County Fire Department bbenne@arlingtonva.us
Kelsea Bonkowski, Alexandria Fire Department kelsea.bonkowski@alexandriava.gov
Josh Brandon, City of Manassas Park Fire and Rescue j.brandon@manassasparkva.gov
Gary Brown, Ex-Officio Member, VDH Office of EMS gary.brown@vdh.virginia.gov
Jay Brown, Loudoun County Fire and Rescue jjbems@aol.com
Rob Clemons, City of Manassas Fire and Rescue rclemons@ci.manassas.va.us
Randy Coggin, Prince William County Dept of Fire and Rescue rcoggin@pwcgov.org
Claude Conde, Arlington County Fire Department cconde@arlingtonva.us
David Coullahan, Physicians Transport Services, dcoullahan@ptsems.com
Craig DeAtley, Fairfax Police Helicopter craig.deatley@medstar.net
David Dixon, City of Manassas Park Fire and Rescue d.dixon@manassasparkva.gov

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Dr. Luis Eljaiek, Ex-Officio Member, Physicians Transport Services OMD, lfeljai@sentara.com
Matthew Fox, City of Manassas Fire and Rescue mfox@manassasva.gov
Lee Gibson, City of Manassas Park Fire and Rescue l.gibson@manassasparkva.gov
Dr. Dan Hanfling, Ex-Officio Member, PHI Air Medical Virginia Co-OMD, dan.hanfling@inova.org
Dr. William E. Hauda II, Ex-Officio Member, Fairfax Co. Police Dept. Co-OMD,
william.hauda@fairfaxcounty.gov
Leo Kelly, Loudoun County Fire and Rescue jerseyva@aol.com
Joey King, Lifecare Medical Transport jking@lifecare94.com
Kathleen Kramer, Arlington County Fire Department kkramer@arlingtonva.us
Teresa Kreider, HCA Reston Hospital teresa.kreider@hcahealthcare.com
Tracy Lane, Loudoun County Fire and Rescue tracy.lane@loudoun.gov
Jennifer Lescallett, Fairfax Police Helicopter jennifer.lescallett@fairfaxcounty.gov
Thomas Luckey, City of Manassas Fire and Rescue OMD tluckey@manassasva.gov
Michelle Ludeman, Ex-Officio Member, Northern Virginia EMS Council michelle@vaems.org
Dr. Joseph Marfori, Alexandria Fire Department OMD josephmarfori@gmail.com
Dr. Tom Mayer, Fairfax Co. Police Dept. OMD, tmayer@best-practices.com
Lisa McAllister, PHI Air Medical Virginia lmcallister@phihelico.com
Bob Montminy, Prince William County Fire and Rescue rmontminy@pwcgov.org
Mark Nary, City of Manassas Fire and Rescue mnary@ci.manassas.va.us
Brian Orndoff, City of Fairfax Fire Department, brian.orndoff@fairfaxva.gov
Nancy Orndoff, City of Manassas Fire and Rescue orndoffn@gmvrs.org
Marie Powell, Metropolitan Washington Airports Authority marie.powell@mwa.com
Joseph Reshetar, Member-at-Large, Arlington County Fire Dept jreshetar@arlingtonva.gov
Dustin Rice, Fairfax County Fire and Rescue Dept, dustin.rice@fairfaxcounty.gov
Charles Ryan, Fairfax County Fire and Rescue Dept charles.ryan@fairfaxcounty.gov
Jose Salazar, Loudoun County Fire and Rescue jose.salazar@loudoun.gov
Dr. Michael Semchyshyn, Ex-Officio Member, Metropolitan Washington Airports Authority Co-OMD,
mikesem@gwu.edu
Dr. David Skibbie, PHI AirCare Medevac Co-OMD, dskibbie@gwu.edu
Dr. E. Reed Smith, Arlington County Fire Department Co-OMD rsmith@arlingtonva.us
James Soaper, City of Manassas Park Fire and Rescue j.soaper@manassasparkva.gov
Nicholas Sutingco, City of Fairfax Fire Department OMD nick.sutingco@vemadocs.com
Jamie Tharp, City of Manassas Park Fire and Rescue j.tharp@manassasparkva.gov
Dr. James Vafier, Northern Virginia Community College PCD, vafier@msn.com
Andrew Vita, City of Fairfax Fire Department andrew.vita@fairfaxva.gov
Robert Wiencko, Prince William County Fire and Rescue rwiencko@pwcgov.org
Dr. Christian Zuver, Prince William County Fire and Rescue OMD czuver@pwcgov.org

Council President Brian Hricik welcomed all in attendance and called the meeting to order at 10:07 a.m.

- No representatives from the public were present to address the Board.
- Minutes from the NVEMSC Board of Directors meeting held February 15, 2018, were sent for review and there were no changes noted. The minutes were unanimously approved as written.

Treasurer's report

1. Financials are good and in the black
2. The Treasurer's report was accepted as presented and unanimously approved

President's Report

1. They are working with the NOVA Chiefs as far as budget, discussing blood products on scene and area drug shortages to stay on the same page.

Executive Director's Report

1. There has been a good amount of submissions for the regional EMS awards. There are 1-2 per category with the exception of Outstanding EMS Agency where there are no nominations at all. Please consider submitting for this category before the deadline
2. The Council has taken over the planning and coordination of the Northern Virginia Regional EMS Conference on May 17, 2018, at The Waterford at Fair Oaks.
 - The cost is \$30 per person which includes lunch and beverages
 - The agenda is finalized and has some wonderful local speakers presenting important topics
 - There are several vendors who have signed including HandTevy. Dr. Antevy will also do a short presentation after the conference for anyone interested in hearing his presentation
 - Sponsors are also calling to express interest in getting their names advertised
3. OEMS update
 - Training MOUs are still coming in
 - We are receiving requests for the funds and that is going well
 - Chuck Faison who handled the scholarship program at OEMS and was handing the CE/Auxiliary Training MOUs has turned in his resignation effective April 20, 2018. They have not yet named an interim in his place
 1. OEMS has several openings at this time and several positions are being doubled up on by the staff they currently have
 - No report on new students from the TCC meeting
 - We are still in the process of renegotiating the Council contract through Adam Harrell. He hasn't given anyone a solid timeframe of when to expect it or what it will look like at this time. There have been meetings with the regional Executive Directors twice in hopes of having a united front on how to approach this but as of now, Adam has not rescinded the current contract and we are still working off that
 - Mike Berg's position has been filled by Ron Passmore, the former Chief of EMS from Galax/Grayson EMS
4. Jim Chandler, the Executive Director of Tidewater EMS Council had a heart attack last month and some complications afterward. He is back to the office half-days right now and is having a hard time adjusting to that but he is still working part-time for right now. Please keep him in your thoughts and prayers while he recovers

STATE AND REGIONAL COMMITTEE REPORTS

AHA Community Training Center

Ray Whatley, AHA Training Center Coordinator, submitted the following updates:

1. We are coming up on our AHA Contract renewal June 30, 2018. Awaiting final course monitoring paperwork to be submitted to the AHA from our Regional Faculty. No issues with course monitoring.

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2. The seventh edition of the AHA PAM is now available on the AHA Instructor Network. The updated PAM includes the following additions and clarifications, among others:
 - Information on the Heartsaver for K-12 Schools card
 - Information on Exams access through the AHA for Training Center Coordinators and Admins
 - Clarifications on eCard issuance
 - Clarification of number of students required for High-Performance Teams Activity and MegaCode practice and testing
3. Discontinuing May 31
 - Airway Management Course & Materials
 - ECG and Pharmacology Course & Materials
 - *STEMI Provider Manual* (AHA product 90-1067)
4. Discontinuing June 30
 - Acute Stroke Online (AHA product 90-1425)

State EMS Advisory Board

Deputy Chief Jose Salazar advised that there has not been a meeting since last report. The next meeting is the first week of May.

Workforce Development Committee

Deputy Chief Jose Salazar advised that there has not been a meeting since last report. The next meeting is the first week of May.

Provider Health and Safety

Chief Brian Hricik advised that there have been no recent meetings of this committee so there is no update since the last.

EMS Performance Improvement & Trauma Committee

Dr. Weir provided the following update:

1. The last meeting was March 7, 2018
 - The medical topic was Blood Product Administration in Pre-Hospital Care. There will be a similar presentation today at the end of the meeting
 - i. The attendees of the meeting discussed how to make this process available to all agencies and is in the processing of developing policies for that
 - The trauma topic was the Regional Trauma Triage Plan which was discussed and is under review
2. Next meeting is June 5, 2018, at Fire Station 440
 - Medical topic is VAD emergencies
 - Trauma topic is geriatric falls

Medevac Committee

Rick Cohen advised there is nothing to report

Regional Medical Directors & State Medical Direction Committee

Dr. Morgan provided the following update:

1. There was a state OMD Committee April 5, 2018.
 - The current formulary for medications and procedures was reviewed

- Epinephrine administration for EMTs will be limited to a syringe filled with a pre-determined amount of solution that will not require calculation of dosage by the EMT to administer
 - CPAP for EMTs and Advanced EMTs should be a fixed pressure without the ability to titrate the pressure
 - Lay-level or layperson skills were addressed. If a patient with an LVAD or home ventilator needs to go to the hospital for a condition not related to these specific skills or a device failure, an EMT can treat and transport within their scope of practice and not require a paramedic just because they have this device or equipment in place
 - Proposed changes to the state EMS Rules & Regulations were discussed and that will go in front of the Governor's Advisory Board
 - Dr. Brian Ekey, the OMD for Blacksburg EMS proposed expanding the Scope of Practice for epinephrine and lidocaine in cardiac arrest either IM or IO for Advanced EMTs. These drugs are currently in the Scope of Practice but for different uses. He will likely come back with some Feasibility Studies to show how well Advanced EMTs can perform that task.
2. Dr. Weir added that there was a change related to the perfusion of Propofol for sedation in critical care inter-facility transports and that skill is limited to Paramedics. Other medications can be used by lower level providers but Propofol cannot

Training and Certification Committee

Craig Evans advised that the committee met April 4, 2018.

1. The number of consolidated test sites per region was discussed and that doesn't apply to Northern Virginia
 - There was a discussion about the Council's communicating with each other better in regard to consolidated test sites
 - i. There was a ListServe created so all CTC Coordinators in the state can communicate about their test sites and let each other know if sites are cancelled so the other Council's don't get inundated with students wanting to test at other sites at the last minute
2. VHAC met and shared data
 - Of 1400 chest pain calls, the median time of first medical contact to 12-lead is 8 minutes
 - For all of our PCI centers, the first medical contact to balloon average is 73 minutes for the last quarter of 2017
 - i. This falls within the VHAC "Drive for 75" campaign
 - The state VHAC meeting will be May 11, 2018, in Chesterfield
 - The date to apply for Mission: Lifeline was extended to April 16, 2018, if anyone has not yet applied and is interested
3. There was a good showing at our recent Stroke Committee Meeting and the topic was triage of large vessel occlusions in the field. There was a productive discussion by the attendees
 - The Stroke Triage Plan is currently under review
4. The EMS/Pharmacy Committee has not met recently but there has been a lot of communication about drug shortages and how they're being handled
5. Regional OMD meeting is coming up May 16, 2018.

Old Business

None

JURISDICTIONAL REPORTS

City of Alexandria

Deputy Chief Byron Andrews provided the following update:

1. The Community Paramedic Program is back up and running with Jeff Woolsey heading it
 - They are working heavily with their frequent callers and local resources such as the Area Agency on Aging and RenewAlex to provide better services for these residents and this has reduced the call numbers for that population
2. They currently have 17 ALS providers in internships
3. They are looking at Engine 204 to go up as an ALS engine by May
4. Karen Wagner, longtime President of VAVRS and Chair of the Governor’s Advisory Board passed away from cancer last month

Arlington County

Anne Marsh reported on the following updates:

1. Today they have 29 recruits testing for EMT. They have a new process this year for their ALS recruits. While the EMTs were in class, instead of having the ALS recruits sit through EMT class again, they spent that 6 weeks out in the field and participated in a week-long Arlington ALS education program that included practicals, ride-alongs, leadership training and in-station preceptorships and they have received good feedback from the ALS providers on that program.
2. There are two new F550 medic units in the field now. They are happy with the new trucks which require less maintenance. They are all equipped with the Power-LOAD system
3. They recently had 500 people test for their next recruit school which will bring on 30 recruits once they are selected
4. BC Marsh has been selected as the Chair of the COG EMS Subcommittee and hopefully, this will bring more of a Virginia presence than in the past
5. New EMS protocols rolled out this month and are live

City of Fairfax

Jon Brantley reported on the following updates:

1. They recently had 30 people test for their upcoming hiring. They hired three a few months ago and are looking to hire three more Paramedics by the end of April
2. They are implementing HandTevy now and they will roll that out around June
 - They talked extensively with Dr. Antevy to create adult dosing to use this for both pediatrics and adults and he is working on that product now
 - There are several components and options that can be added to suit your agency and the annual subscription is based on providers and call volume but it’s worth looking into
3. They recently sent providers to cadaver training at Anatomical Gifts Registry in Hanover Maryland and got good feedback on the training
4. Their May CME will be about human services programs available to citizens to assist the providers with making referrals for citizens who could benefit from these services. They will

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have the Community Services Board, Social Services and Department of Family Services representatives giving presentations

Fairfax County Fire & Rescue

John Chesek provided the following updates:

1. Final testing for ALS interns just completed and all 15 passed and are in the field
2. Recruit school graduated last month with 30 students, 13 of which are ALS providers
 - They did not sign a Condition of Employment for being a paramedic so all the graduates will go into the field for 1 year as a firefighter, complete their BLS internships and at the end of their probationary year, they can request an ALS internship. The county will maintain continuing education for the ALS providers during that year but if they choose not to enter an ALS internship, they will return to a firefighter status and ALS CEs will be the responsibility of the provider. This is a new program unlike those who graduated prior to this class
3. They just completed their on-site accreditation review and they were recommended for accreditation. That will be voted on sometime over the summer
4. Chief Bowers retires April 30th and Assistant Chief Reggie Johnson will also retire at the same time and has taken a position with Charlotte, NC, as the Fire Chief
 - There are no interims named for either position at this point

Fairfax County Police Helicopter Division

Craig DeAtley submitted the following update:

1. They are investigating options for new monitor/defibrillator for the aircraft
2. Multiple personnel recently completed an ABLIS course
3. They are underway with a process to select new personnel to become future Division paramedics
4. 2 officers from specialty teams are attending EMT/B training offered by Training 911
5. They are investigating purchase of portable ultra sound machines to perform FAST exams in the field.
6. They will be hosting with Alexandria FEMS TAC Medic training for Northern Va agencies in June - two dates to be announced
7. Their Marine Patrol EMTs will be operating a new custom designed boat starting later this Spring

Paul DeHaven was also provided the following update:

1. They are in the middle of 6 weeks of Police Department and Fire Department all-hands, joint training exercises for high-threat and active shooter simulations to include rescue task force TECC, etc.
 - Rick Bonnett from MWAA advised that several of their providers have been through it and reported that the training was excellent

Loudoun County

Jose Salazar submitted the following updates:

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1. Four new released ALS preceptors.
2. 14 new ALS providers precepting in the field
3. System wide looking at replacing ePCR computers to CF20
4. Moving forward with Comp X medication security system for ALS compartments on ambulances and stations.
5. RTF drills with law enforcement continuing through June.
6. Moving forward with Advanced EMT pilot program
7. EMS Supervisors will begin carrying TOR medications to replace meds on scene to allow units to go back in service sooner (does not include Narcotics).
8. The new CPAP masks are beginning to come in. A new IB and update to the procedures manual will follow shortly.
9. Implementing the HandTevy system to the system.
10. Simulation lab is now up and running
11. They will start staffing EMS602 to the west end of Loudoun County as of July 1, 2018
12. They are also adding an EMS administrative person to their staff
13. Rescue Task Force training will take place in June
14. They are starting a pilot AEMT class in July in hopes that when the new station 27 opens it will be staffed with an AEMT on the engine as an ALS provider. They will start with career staff and then expand that to volunteer departments
15. Jamie Cooper is the new EMS Battalion Chief and Kevin Stiles has gone back to the field

City of Manassas

Deputy Chief Todd Lupton presented the following updates:

1. Their budget process is moving forward
2. Their second daytime unit is switching to a 24 hour unit around July
3. They are down 3 ALS providers out of 66
 - They plan to hire 7 Paramedics between now and July
 - They typically only get 7-8 Paramedics applying when they open their hiring process so this makes it difficult with a small candidate pool
4. They are conducting high-threat training with the City, Manassas Park, and Prince William County PD
5. New medic unit will be delivered next week. It's a Braun on a F550 chassis
6. They are currently considering new vents by Zoll
7. Matt Fox was not able to attend today because his wife just had their second child 6 weeks early, a baby boy. Please congratulate him when you see him. They are all home and mom and baby are doing well

City of Manassas Park

Tom Oliver presented the following updates:

1. They are currently down two ALS providers with one going to SW Virginia and one to Washington, DC
 - They are in the process of hiring and should complete that process soon
2. They recently had over-time cut off for Fire Department staff due to some budget changes with the new City Manager and some past debts owed

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- This is putting a strain on their staff because they cannot fill the empty spaces as it is
 - They cannot work over-time until July 1, 2018
3. Next year's budget is looking up and they hope to hire an EMS Captain which is a day-shift position
 - They are also hoping to look further into billing compliance and taking some control back from the vendors
 4. They are also having trouble with their ventilators. They work well except for the CPAP and BiPAP functions which is a critical part of their usage. If anyone else is considering this type, please feel free to reach out to him for their feedback on the product

MWAA

Rick Bonnett presented the following updates:

1. Disaster Drill is May 5, 2018, at Dulles Airport
 - They are trying to get more hospitals involved and more units available
 - They plan to have approximately 200 patients and scenarios will be unscripted
 - They will be following the new Mass Casualty Incident manual
2. They are planning to hire 10 in the next few months
 - New hires will go to Prince George's County's Fire Academy to train
3. They still have vacancies for Chief and Assistant Chief

Prince William Fire and Rescue

Mike LaSalle reported the following updates:

1. They are continuing their search for an OMD and just received approval from purchasing to be able to advertise the position in the next few weeks
 - This will be a full-time, non-uniform, contract position
 - They plan to have the new-hire on by July 1, 2018
2. They just conducted a high-threat response drill at the Dale City Ice Arena
 - They are doing the first 30 minutes of training with Captains and above and have found the failure point is at the command level with these types of incidents
 - i. They have identified in past years that there is a lack of communication and have determined that assigning a channel so they can communicate directly with the Incident Commander and communications was beneficial
3. They are working on a large-scale MCI drill to familiarize everyone with the new manual

LifeCare

Wesley Melton provided the following updates:

1. They remain busy and see a steady call increase each month adding around 75-100 calls per month. Because of this increase, the goal is to hire 50 providers state-wide per month to offset the increase in call volume

Northern Virginia Community College

Gary Sargent reported the following updates:

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1. He is new the group and is the EMS Program Director as of February, just two weeks before their accreditation visit
2. They have a BLS Test Site May 9, 2018, and a National Registry ALS Test Site May 18, 2018
3. Fall 2018 semester will offer their usual classes without any changes
4. VCCS EMS has recently revamped the entire curriculum. There is a mandatory start date of July 2019 to adhere to all the CoAEMSP regulations. This will allow for complete congruence amongst all the VCCS EMS & nursing programs
5. The Advisory Board meeting is May 24, 2018, at 11 am. If you are currently held a seat on the Board, your seat expires in May. If you want to maintain your seat, please contact Gary

OEMS Program Representative

No representation but Brian Hricik provided the following update:

1. Tim Perkins has moved to a new position as Manager of Community Health & Technical Resources within OEMS. This is a new division created by OEMS. His replacement as Regional Council Coordinator will be announced once they fill the position

PHI Aircare

Rick Cohen reported the following update:

1. They are struggling with some staffing changes and shortages but are training personnel now and hopefully will be fully staffed again soon

Physicians Transport

Kate Passow presented the following updates:

1. This month they celebrated the 20th year of their first transport and there will be a celebration at the end of this month for their employees
2. Just a reminder that registration is open for the Southern Route of the EMS Memorial Bike Ride. Registration for the East Coast leg is also open and that goes from Boston, MA to National Harbor in MD

HCA Reston Hospital Center

Keith Morrison provided the following updates:

1. Construction is continuing and they should reopen the EMS entrance in the next 30 days similar to the prior setup but you will still need to park, hand over your patient and move your unit
2. In the next 8-10 weeks, the helipad will close for a two week period due to construction of another door and elevator to the CCU
3. EMS Week activities are unknown at this time due to construction and lack of parking
4. They have partnered with MWAA for their upcoming disaster drill
5. Mike Knapp is their new ED Director. He was previously at Alexandria Hospital and then came to Reston CCU/ICU and has moved down to the ED

HCA StoneSprings Hospital

Jaime Wolfin presented the following updates:

1. They will have EMS Week events all week including a barbecue and giveaways

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2. They have successfully recruited an interventional cardiologist and will be resuming their STEMI certification process
3. Labor & Delivery department will go under construction due to increased patient volume. There will be no construction impact on the ED
4. They are also partnering with MWAA for their upcoming disaster drill
5. Their COO Ben Brown has moved over to Reston Hospital and Adam Green has replaced

Loudoun Hospital

No representation

ADDITIONAL HEALTHCARE PARTNERS AND HOSPITALS

None present, however, Craig Evans advised that he has received an email from Lowell at Inova and he and another person will be attending our meetings in the future which will only strengthen the relationships we all are trying to maintain with the hospitals and EMS agencies

OLD BUSINESS

1. EMS on the Hill ended yesterday and there was no representation from Northern Virginia at all. Next year we will remind everyone to get signed up and get involved to discuss staffing issues, drug shortages, etc. Despite this being in our backyard, there is very little if no representation from Virginia and those legislators get few visitors outside of the Richmond area. Todd Lupton advised that a lot of the Fire Chiefs go down for CFSI but we shouldn't neglect EMS on the Hill if we have the opportunity and to get the EMS issues out there

NEW BUSINESS

1. Dr. John Morgan, Dr. Dan Avstreich and Craig Evans discussed blood transfusions in EMS and how we handle that locally.
 - Background information - There was a prolonged extrication accident scene where several patients required on-scene blood transfusions. Currently PHI carries packed cells and plasma and provided their inventories at the scene of this incident but due to the length of the extrication process, there was a good possibility they would run out of blood resources on the scene and Dr. Morgan made contact with Fairfax Hospital and asked for blood products that could be delivered to the scene. They were able to get the blood from two different hospitals and get it delivered to the scene and saw that there is a valid potential for future needs and discussed how we should proceed as a region to have and provide blood components available for other scenes of a similar nature
 - In the event that PHI is not available or they have run out of blood on a scene, how is our region obtaining blood products? Where do they come from? Who is responsible for dispensing them and what is the chain of custody?
 - The physicians discussed how to proceed and negotiated a project for a "Field Available Component Transfusion Response" (FACT*R) with Inova Blood Donor Services and all entities are in agreement, it is a matter of logistics at this point
 - The blood bank will keep a special box and have a list of quantities to put in the box and a timeframe of 15 minutes to turn the supplies around in.
 - When the blood is needed, the blood bank will be notified and will prepare the box with the pre-determined quantities and supplies and make it ready for pickup

- Any items not used will be returned to the blood bank to be put back into the normal rotation so nothing is being wasted
- Currently, Loudoun Hospital does not have fresh/liquid plasma and by participating in this program that will leverage their ability to have it so this is beneficial to them as well
- An EMS physician would request the blood and take responsibility for it and this would activate the system
 - There will be an east site at Fairfax Hospital and a west site at Loudoun Hospital and the supply would come from the closest site
 - Based on the need, the blood bank would prepare two boxes, the large that is 15x15x15 and the small which is 12x12x12 that contain 5 units of packed red blood cells, 5 units of liquid plasma and 5 units of platelets that will last for up to 12 hours. They have to pack both boxes with the appropriate blood components because they have to be stored at different temperatures
 - The logistical portion from the EMS side is how to pick and transport the blood and how to administer it (tubing, warmers, etc)
 - Once transported, blood is provided by local agency protocol and there is some collaboration that should happen on who is allowed to give blood and who is trained within each agency. That will be determined by the regional OMD's
- There is an MOU in draft form between Inova Blood Donor Services and NVEMSC
- QinFlow manufactures a blood and IV fluid warmer. The plan is to get two for each site, east and west, in case there is a need to for two at the same time. There will also be a backup battery purchased, mounting brackets and disposable cartridges that will need to be purchased
 - The Council will also need to purchase the tubing for infusion and if they are purchased through BoundTree it's approximately \$1000 per case but Inova Blood Donor Services has agreed to purchase it and sell it to us at their cost which is \$286 per case
 - Inova will provide and pack the boxes at no cost to the Council
 - There are two bags that we'll need to contain the supplies and if there are any agencies that have two to donate instead of purchasing, that would be ideal
 - Beth Adams from Fairfax County FRD advised that they are cycling out their bags now and they are red. Craig will explore that option
 - The cost for the two QinFlow devices is \$13,754, \$1,978 for two back-up batteries, \$1495.44 for four mounting brackets, \$750 for the disposable, single-use cartridges, and \$573 for the blood tubing which totals \$18,550 as a start-up cost. QinFlow did offer a 15% discount if ordered within 4 weeks. The annual cost will be approximately \$573 which is for the disposable tubing but this is also based on usage and expiration dates. The per-use cost is approximately \$191
- The cost, at this point, is the only thing preventing this from moving forward. The logistics of where it will be stored, how it will be stored, who makes and replenishes the boxes and supplies is set out.

- Craig advised that the items can be purchased by the Council with the approval of the Board. The cost would be \$18,550 for the initial start-up and the replacement/replenishment of the consumables as detailed previously

DISCUSSION:

- Brian Hricik asked if there is a maintenance plan or package available
 - Craig advised that there is but the cost was not detailed in the presentation because it is an optional component
 - It is \$150-600 per year per unit that goes from a basic warranty extension all the way up to any component and any item on the units excluding consumables will be repaired or replaced irrespective of the root cause
- Brian Hricik asked what the life expectancy of the product was
 - Craig advised there was nothing listed for a life expectancy. Dr. Avstreich advised that he was told 10-20 years depending on usage but because it's a newer product that hasn't been around that long, they really don't know what it is
 - Dr. Avstreich advised that he will personally do the monthly check-offs of the equipment and consumables for the one at Fairfax and Dr. Morgan will do the same for the one at Loudoun
- Jaime Wolfin from StoneSprings asked whether there are any personnel currently, outside of PHI AirCare, who are trained to administer blood
 - Brian Hricik advised that other than the training in the Paramedic class, there are not, at this time
 - Dr. Morgan advised that it would be the responsibility of each individual agency to determine who they allow and subsequently train to administer blood because it is in the Virginia Scope of Practice for paramedics
- Mike LaSalle stated that he felt that each agency should go back and discuss with their respective OMD's to see if they buy in to the idea and formulate a plan from there before spending the funds to purchase items for something that not everyone is on board with
 - Dr. Morgan advised that this was discussed at the last regional OMD meeting that this was something the region should look into so this shouldn't be a surprise to any of them
 - Dr. Avstreich advised that this isn't going to start immediately. There is the cost of equipment and receiving that and the boxes and getting the MOU finalized so there is a delay but there isn't a need to stop the momentum gained at this point
- Beth Adams asked if this has been discussed and presented to the NOVA Chiefs
 - Craig advised that it had not because their meeting this week was cancelled
- Anne Marsh asked if the boxes require refrigeration during transport
 - Dr. Avstreich advised that they do not. This is the purpose of the special box to keep it at the appropriate temperature and it's better than any cooler that could be commercially purchased
 - Dr. Morgan advised that because of this, any unused blood can be returned to the pool for use by the hospital because it has been maintained at the correct

temperature without any disruption. Each bag has its own temperature sensor so they can keep an eye on it

- Brian Hricik advised that there is another OMD meeting and another NOVA Chiefs meeting coming up in the next month and that will allow the opportunity to present this information to both groups, however, that being said, the NOVA Chiefs have no say on the expenditures of the Council and how they use their funds. A positive point to the Council funding it is that it does not come out of the individual agency's funds

John Chesek made a motion for the Council to set aside upward of \$19,000 to fund this in its entirety for the entire region and it was seconded by Jon Brantley. Byron Andrews suggested the motion be amended stating that the Council should seek or pursue alternative funding sources or a benefactor who would be willing to pay for some or all of the amount instead of coming solely out of the Council's funds. This was seconded by John Chesek

The motion was agreed upon as "The Council will appropriate up to \$19,000 in cooperation with pursuing funding to up to that amount to purchase the aforementioned project".

Discussion:

1. Todd Lupton stated he does support this project 100% but has concerns with the sole financial responsibility falling on the Council without any buy-in from the supporting agencies. His suggestion is 50% from the Council and 50% from the agencies that are willing to buy in to it. There are concerns from a financial standpoint of the sole funding being by the Council with no ownership by the agencies and there are known delays in funding by OEMS so if the Council drops their fund balance way down and there is a delay by OEMS at some point, this could be a detriment to the Council even though the money is technically there
 - John Chesek stated that he understands the point, however, what does it say about the Council and their efforts by being willing to fund such a ground-breaking program in the state and possibly across the country
 - Beth Adams stated that she thinks Chief Lupton's point is a good consideration because if there is an issue with the administration of blood, the agency will bear the responsibility and possibly a lawsuit, not the Council
 - Tom Oliver suggested that perhaps the Council could purchase one and once it's seen that there is a need, others will be willing to help fund it
 - Dr. Avstreich advised that this will be difficult to supply the entire region from just one location which is why they want to purchase two and have them at two separate locations
2. Dr. Weir advised that the form of the motion is not limiting by stating that the Council will pursue funding. That does not mean it's limited to 50/50 funding or 100% by anyone whether it be the Council or otherwise
3. Dr. Morgan raised the question of whether there is a possibility that this will be presented to the NOVA Chiefs and they ask to see the Council's fund balance and determine that there are significant funds to purchase this equipment outright since they contribute yearly as it is
 - Brian Hricik advised such a possibility does exist
4. Jon Brantley stated that while he appreciates the discussion and consideration, this also is a good opportunity and helps identify what the current Council is about and sets the bar for others. And while the Council can pursue funding, that should not prevent the project from

moving forward if the Council has the funds and does not receive buy-in from outside entities

- Dr. Avstreich advised this is a good mission for the Council as the individual agencies would not be able to get approval to fund this on their own
5. Mike LaSalle advised that for Prince William County Fire and Rescue to consider being on board and providing funding for this, he would have to provide all the details, legalities, positives and negatives and provide a formal presentation to his chief and be expected to have the answers to any questions and then get it cleared through the county attorney. He doesn't feel the group is appropriately prepared to talk about this to the localities about how this will be of benefit
 - Jon Brantley stated that even if the City of Fairfax came back to him and questioned his vote in favor, the Council is bigger than the City of Fairfax and knowing that only Fairfax and Loudoun are on board and can operationalize it, he's still all for it
 6. Rick Bonnett stated that we have identified an issue and we have come up with a plan, why wouldn't we follow through with the plan? If it happens again, how do we overcome that? At this point, we'd have to go through the same process as before and hope it works. If we regionalize it, we are being proactive instead of reactive because we have identified the problem and its solution in our region. If we don't have a plan in place, someone's family member suffers for it
 - John Chesek advised that the next time it may not go as smoothly and the key players from the last time may not be there.
 - Dr. Avstreich stated that there were rules broken last time to make this work and by having a plan in place, that takes that out of the equation
 - Rick advised that the Council can also ask for additional budgetary money in future years to help sustain the project whether that be an additional \$250 from each agency since the initial start-up costs fell solely on the Council

Motion: The final motion for consideration was "The Council will investigate funding mechanisms up to and including any cost sharing, donations, or full Council funding for up to \$19,000 for the implementation of the FACT*R blood program" by John Chesek and seconded by Byron Andrews.

Approval: Unanimous

2. Rescue Squad Assistance Fund (RSAF) Spring Grant applications were reviewed and scored today. In a change from previous grant opportunities, OEMS no longer allows presentations by the agencies submitting the grant and the scoring is based solely on the grant submission.
 - The only change or discussion was to recommend a reduction in the number of Power-LOAD cot Fastner Systems to 3 and the vote was based on that revision.
 - The following is the result of the scoring:

AGENCY NAME	GRANT NUMBER	# Items	ITEM REQUESTED	Funding Level %	State Funds \$	Match \$	Score
City of Manassas Fire & Rescue	NV-C01/06-18	1	LUCAS 3	50/50	\$8,211.50	\$8,211.50	1

Northern Virginia EMS Council

Board of Directors Minutes – April 12, 2018

Ashburn Vol. Fire & Rescue Dept.	NV-C02/06-18	1	Life/Form Adult Crisis Manikin	50/50	\$2,176.50	\$2,176.50	3
Ashburn Vol. Fire & Rescue Dept.	NV-C02/06-18	5	Power- LOAD cot Fastner System	50/50	\$70,897.50	\$70,897.50	2
Fairfax County Fire & Rescue	NV-C03/06-18	17	Blood and IV Fluid Warmer	50/50	\$20,459.00	\$20,459.00	2
Fairfax County Fire & Rescue	NV-C03/06-18	62	Hypothermia Life Blanket	50/50	\$29,405.00	\$29,405.00	2
Loudoun County Vol. Rescue Squad	NV-C04/06-18	1	LUCAS Unit and Hard Cases	50/50	\$9,794.63	\$9,794.63	4
Loudoun County Vol. Rescue Squad	NV-C04/06-18	1	Recruitment Video and Sign	50/50	\$2,500.00	\$2,500.00	3

Motion to adjourn 12:23 PM

The next Board of Directors Meeting will be held Thursday, June 14, 2018, at 10:00 am at City of Fairfax Station 403.

CERTIFICATION OF BOARD OF DIRECTORS MEETING

Northern Virginia EMS Council
7250 Heritage Village Plaza, Ste. 102
Gainesville, VA 20155

I, Craig Evans, Executive Director of the Northern Virginia EMS Council certify that the above minutes are a true and correct transcript of the minutes of a meeting of the Board of Directors of the Northern Virginia EMS Council held at the City of Fairfax Fire Department, 4081 University Drive, Fairfax, VA 22030 on April 12, 2018, and that the meeting was duly called and held in all respects in accordance with the laws of the state of Virginia and bylaws of the corporation and that a quorum was present. The minutes were officially approved at the June 14, 2018, meeting of the Board of Directors of the Northern Virginia EMS Council.

Craig A. Evans
Executive Director

Date

Northern Virginia EMS Council