Welcome to AFCEA Hampton Roads Chapter’s Virtual Meeting (AKA Veeting)

16 JUNE 2020
Opening Comments

Chapter Executive Vice President
Tim Harschutz
Agenda

- Housekeeping / ROEs
- Sponsor Appreciation
- Chapter Updates
- Guest Speaker
- Closing Comments
Housekeeping/ROEs:

• PLEASE TURN “ON” YOUR MUTE BUTTON
• PLEASE TURN “OFF” YOUR CAMERA
• PLEASE use Meeting Chat for submission of questions.
• PLEASE be respectful and non-disruptive of our presentation.
THANK YOU SPONSORS!

Making STEM Contributions Possible.

Sustaining Sponsors

Academic Sponsors

Small Business Sponsors
<table>
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<tr>
<th>TITLE</th>
<th>NAME</th>
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<tr>
<td>President</td>
<td>Larry Minnick</td>
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<tr>
<td>Executive Vice President</td>
<td>Tim Harschutz</td>
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<tr>
<td>Secretary</td>
<td>Jenniffer Minks</td>
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<tr>
<td>Treasurer</td>
<td>James Lee</td>
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<tr>
<td>Vice President – Programs</td>
<td>Jim Tilley</td>
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<td>Vice President – Education</td>
<td>Drew Lambley</td>
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<td>Vice President – Military Affairs</td>
<td>CDR Steve Mills</td>
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<td>Vice President – Membership</td>
<td>Christy Fanelli</td>
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<td>Vice President – Awards</td>
<td>Beth Armistead</td>
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<tr>
<td>Vice President – Small Business</td>
<td>Hillary Boyce</td>
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<tr>
<td>Communications Chair</td>
<td>Vacant</td>
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<td>Intelligence Committee Chair</td>
<td>Gary Gomez</td>
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<td>Special Activities</td>
<td>Patrick Crawford</td>
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<tr>
<td>Women Outreach Leader</td>
<td>Teresa Duvall</td>
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<tr>
<td>Web Content Manager</td>
<td>Dave Harris</td>
</tr>
<tr>
<td>Young AFCEAN President</td>
<td>Caitie Johnson</td>
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Upcoming Events

- 31st Annual STEM Classic Golf Tournament: 10 SEP
- Maritime IT Summit: 4-6 NOV

www.hamptonroads.afceachapters.org
A lot of hard work went into planning this event and we appreciate the Organizations, Sponsors, Exhibitors and Volunteers for your continued support!

If you have any questions, please contact the following:
Palmer Sims (Chair) – MaritimeSummit@Hamptonroads.afceachapters.org

Or visit:
www.hamptonroads.afceachapters.org/maritime-summit

POSTPONED UNTIL 4-6 NOV

Co-Hosted with the
DEPARTMENT OF THE NAVY
Chief Information Officer
East Coast 2020 Conference
AFCEA Hampton Roads Chapter Scholarships
Suspense for Application Packages: Extended to 26 JUN 2020

www.hamptonroads.afceachapters.org/education/scholarships

Eligibility criterion includes:

1. The applicant’s course of study must lead to a Bachelor degree in one of the Science, Technology, Engineering, or Mathematics (STEM) disciplines that will prepare the student for a professional career supporting AFCEA’s focus on military communications, electronics, information technology, and intelligence systems. Qualifying academic majors include, but are not limited to, electrical, computer, chemical, aerospace or systems engineering; electronics; mathematics; computer science; physics; science or mathematics education; technology management; or management information systems. Majors directly related to the support of U.S. intelligence enterprises or national security with relevance to the mission of AFCEA will also be eligible, but Pre-medicine is not a qualifying major.

2. Senior High School and College students, and Active Duty military enlisted (E-1 through E-6) with a minimum GPA of 3.5 and demonstrated a desire to major in an area of science, technology, engineering or mathematics. Be a resident of the Southside of the Hampton Roads area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk, and Virginia Beach only)

Note: Candidates need not be members of AFCEA.
The benefits of membership are many and varied, but all good! If you’re not a member today, please consider joining.

https://www.afcea.org/site/IndividualMembership
How To Engage in Q & A

- Reminder to PLEASE use Meeting Chat to ask a question.
- Individuals will be called upon by the moderator and you will be asked to Unmute your microphone.
AFCEA Hampton Roads Welcomes

Colonel Guido Krause
National Liaison Representative
Austria Army
NATO
AUSTRIA
It’s geo-strategic position and defense cooperation
IN THE HEART OF EUROPE
Strategic Round About in Central Europe
Siege of Vienna
by Ottoman Empire 1683
HISTORY –
A very quick overview
The House of Habsburg

Bella gerant alii, tu felix Austira nube.

‘Let others wage war; thou, happy Austria, marry’
Ethnic Groups In Austria-Hungary, 1910
WORLD WAR I (1914-1918)
1938 – “ANschluss”
WORLD WAR II (1939-1945)
NEUTRALITY & THE COLD WAR
Strategic Round About
in Central Europe
A parliamentary democracy with a high standard of living and a highly developed welfare state.

- POPULATION: 8.9 Million; permanently increasing (ca. 0.7% per anno)
- CAPITAL CITY: Vienna
- AREA: 32,385 sq. miles
- LANGUAGE: German
- CURRENCY: EURO
- GDP PER CAPITA: $50,688
Facts & Figures

• 1955 Austria declares Neutrality

• 1995 January, Austria joined the European Union (EU)

• February 1995, Austria accepted the invitation to participate in NATO's Partnership for Peace

• Member of the United Nations, the Council of Europe and the Organization for Security and Co-operation in Europe (OSCE).

• Vienna is one of the headquarters of the United Nations, hosts the Secretariat of the Permanent Council of the OSCE as well as OPEC and the European Union Agency for Fundamental Rights
### Economy (before COVID-19)

#### Economic Indicators

<table>
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<th>Indicator</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross domestic product</td>
<td>2.3</td>
<td>1.4</td>
<td>1.3</td>
</tr>
<tr>
<td>Private consumption</td>
<td>1.1</td>
<td>1.7</td>
<td>1.8</td>
</tr>
<tr>
<td>Gross fixed capital formation</td>
<td>3.9</td>
<td>2.9</td>
<td>1.5</td>
</tr>
<tr>
<td>Exports</td>
<td>5.6</td>
<td>2.1</td>
<td>0.6</td>
</tr>
<tr>
<td>Imports</td>
<td>4.4</td>
<td>2.2</td>
<td>1.2</td>
</tr>
<tr>
<td>Unemployment rate (%)</td>
<td>4.8</td>
<td>4.6</td>
<td>4.5</td>
</tr>
<tr>
<td>Consumer price index</td>
<td>2.1</td>
<td>1.6</td>
<td>1.7</td>
</tr>
<tr>
<td>Fiscal balance (% GDP)</td>
<td>0.1</td>
<td>0.1</td>
<td>0.2</td>
</tr>
<tr>
<td>Public debt (Maastricht, % of GDP)</td>
<td>73.8</td>
<td>72.1</td>
<td>70.8</td>
</tr>
</tbody>
</table>

#### Average Incomes

Average incomes are high.

**GDP per capita**
USD PPP, current prices, 2018

![Graph showing GDP per capita](image)

#### Well Being

Well being is high.

**Well being country rankings**
Ranking from 1 (best) to 35, 2017

- 20% top performers
- 60% middle performers

![Graph showing well being rankings](image)

#### Public Debt

Public debt is still relatively high.

**Public debt**
In % of GDP, Maastricht definition

![Graph showing public debt](image)
First thing Austrians learn to do in their life – before walking
Salzburg
Birthplace of Wolfgang Amadeus Mozart
Vienna most livable city in the world 2019
Richard Strauss – The Waltz King

Mozart
BILLY WILDER

ARNOLD SCHWARZENEGGER

CHRISTOPH WALTZ
Land of Innovation
FERDINAND PORSCHE
KAPSC
GLOCK – Austrian Peacemaker
Steyr AUG
Austrian Armed Forces

**Constitutional tasks AAF**

- military defence of Austria, protecting constitutionally established institutions and the population's democratic freedoms,
- maintaining order and security inside the country,
- rendering assistance in the case of natural catastrophes and disasters of exceptional magnitude,
- conducting Peace Support Operations in framework of IOs
<table>
<thead>
<tr>
<th>No direct military responsibility</th>
<th>Military responsibility or support to Ministry of Interior or other agencies</th>
<th>Support to Ministry of Interior or other agencies</th>
</tr>
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<tbody>
<tr>
<td>International Terrorism</td>
<td>Proliferation of Weapons of Mass Destruction</td>
<td>Domestic and Regional Conflicts or Turmoil</td>
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<td>Risk for Strategic Infrastructure</td>
<td>Transnational Organized Crime</td>
<td>Failed States</td>
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<tr>
<td>Unsuccessful Integration</td>
<td>Drug Trafficking</td>
<td>Natural &amp; Man Made Disaster</td>
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<td>Scarcity of Natural Resources</td>
<td>Economic Crimes</td>
<td>Illegal Migration</td>
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<tr>
<td>Climate Change</td>
<td>Environmental Damage &amp; Pandemics</td>
<td>Piracy and Threats to Transport Routes</td>
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<td></td>
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<td>Effects of Financial &amp; Economic Crisis</td>
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Austrian Armed Forces

Conscript Army

Overall strength 55,000 troops
- ~16,000 soldiers
- ~10,000 conscripts at any given time
  (Service time 6 month)
- ~29,000 reserve
  and additional
- ~9,000 civilians

Only volunteers are allowed to participate in Missions abroad.
Goal of the government is to deploy 1,100 soldiers permanently.
Operations in AUT and abroad

1.897 personnel
In Ops

868

0

1.029

~ 268 Reserv

Legende:
- Out of Area
- Special Logistic
- Disaster Relief

as of: 13 06 19
Procurement Projects
Armoured Personnel Carrier (APC) 
“Pandur - Pandur Evo”

- 34 pcs “Evolution” 6x6
- Remote Controlled Weapon Stations, 360°
- Delivery 2019/2020
- € 106 mio
- Pandur fleet – Protection upgrade
Light Multirole Vehicle (LMV) ‘HUSAR’

- Delivery till 2019
- 149 Systems
- 22 RECCE
- RC Weapon-Station
All Terrain Vehicle („Hägglund“)

- Inf Brig / SOF
- Armoured
- Remote Controlled Weapon Stations, 360°
- Delivery 2018-20
- Quality tests for the first 6 vehicle
- 32 pcs.
- ≈ € 86,5 mio
C-130 Aircraft Surveillance Equipment (ASE)

- Night Vision Capability
- Chaff & Flares
- Delivery till 2019
- € 28 mio
S – 70 'Blackhawk'

- Avionic Update
- ongoing
- 2017 – 20
- ≈ € 48 mio
Future Tactical Communication Network (FTCN)

- stationary, deployable and mobile
- Telecommunication for voice and data
- various devices
- planning costs € 115 mio
- Starting in 2019
Participating in Federated Mission Networking
ELDRO (Elektronische Drohnenabwehr)
(Counter Air-Threats Systems)

- Test & Procurement of different Systems till 2020
- expected costs € 3 – 3,5 Mio
Special Challenges
- Cyber Defence
- Electronic Warfare
as a rather small Army
we have to team up

• as member in User Groups
• participate in int./ multinational platforms (i.e. EU, EDA, NATO/PfP)
• coordinate Force Development in bilateral co-operations
Armaments Cooperation via Office Defense Cooperation
AUT– USA
Current Procurement US Foreign Military Sales

- Total Volume of Letter of Offer and Acceptance US$ 197 Million
- Delivery of goods* 2020 US$ 3.80 Mio
- Delivery of goods 2019 US$ 7.76 Mio
- Delivery of goods 2018 US$ 4.60 Mio

*as of May 2020
Current Procurement US Direct Commercial Sales

- Delivery of goods* 2020  US$ 0.80 Mill
- Delivery of goods 2019  US$ 1.90 Mill
- Delivery of goods 2018  US$ 1.58 Mill

*as of May 2020
Examples FMS Procurement

- US Army Harris Radios US$ 3.4 Mill
- US Army Vehicles Polaris US$ 0.8 Mill
- US Navy Aircraft Survivability Equipment (ASE) for C-130 US$ 9.5 Mill
- Ammunition Cal 155 mm US$ 17.5 Mill
Examples Procurement with US Companies

- Repair of Propellers C 130
- Rescue Hoist S 70
- Avionic upgrade S 70
Future Procurement possibilities

- Light Utility Helicopter for Austrian Armed Forces

  Possible Contenders:
  Bell Textron, Airbus, Agusta Bell, McDonnel
I am happy to take any of your questions!
Closing Comments:

• Thanks to all of you for joining!
• AFCEA Membership, please consider joining. Go to: https://www.afcea.org/site/Membership
• Reminder to please engage with us for sponsoring, supporting and attending our upcoming events.
• Grateful to Col. Krause, Supporting Sponsors, and our Dedicated Volunteers for making this happen!

Be Safe & Have a Great Afternoon!