



**46th meeting of the Implementation Group  
for the European initiative for the exchange of young officers,  
inspired by Erasmus (Emilyo)  
LOD 4 meeting (VTC)  
9 June 2020 (9:00-12:00)**

**Draft minutes**

In the context of LoD4, the new LoD Chairperson presented again the proposal for the redesign of the EMILYO Website that was discussed in the previous IG meetings.

N. Karadimas described all the issues that have been raised since then and these have been discussed by the members of the group.

He also introduced to the members of the group the purpose and the structure of a redesigned website for the EMILYO platform. He presented the different user roles that should exist, the proposed structure of the website and the required mechanisms and components of the new website.

Of course, the migration to a new website format, as has been discussed with the members of the group, will be taken after close consultation with our BG partners and the decision will concern for the most feasible, efficient and effective solution.

**46<sup>th</sup> meeting of the Implementation Group  
for the European initiative for the exchange of young officers  
inspired by Erasmus (Emilyo)  
Follow-up meeting (VTC)  
LOD7/9  
10 June 2020 (14:00-16:00)  
Draft minutes**

**1) Participants:**

COL Harald Gell, Chairman of the IG; LTCOL Paulo Machado, Chairperson of the LOD7; CAPT Stefano Esposito, Ms Ramona-Helena Herman, LT Panagiotis Ioannou, Maj Radoslaw Milewski, LTCOL Rafal Niedzela, LTCOL Timo Vehvilainen, LT Neculai-Daniel Zvincu and Maj Piotr Pietrakovski. Was invited to be present Prof. Marta Wincenwicz (request from AWL MULF).

**2) Agenda**

The agenda was adopted with the addition of the following items:

- a) LOD5 – Legal Framework.
- b) LOD6 – National Implementation of the Program.
- c) LOD8 – Common Modules.
- d) LOD9 – Future Projects.
- e) LOD11 – Naval International Semester.
- f) LOD14 – Research and Development.
- g) LOD15 – International Medical Semester.
- h) 5th CSDP Olympiad.
- i) IMAF2020 and 48th IG Meeting.
- j) Work Plan.
- k) General Subjects.



The Implementation Group (IG) LOD7 Chairperson, LTCOL Paulo Machado, after verified the participants in the meeting, presented the Agenda and shared the presentation on VTC.

The Implementation Group (IG) chairman talked with the participants about the next International Military Academy Forum (IMAF), asking to Nicolae Balcescu Land Forces Academy representant, Ramona-Elena Herman if the Academy could assure the organization of IMAF in november, as planned. Because of the Covid19 was not possible to confirm. So, the Chairman asked to the representant of AWL Military University of Land Forces (AWL MULF) to coordinate the organization of IMAF2021, planned to be in Poland, with Romania.

The LOD7 Chairperson started to share the presentation with all and followed the agenda:

#### **a) LoD 5 – Legal framework**

The LOD7 chairperson announced the adoption of the legal framework from Lithuania, highlighting the importance of the signature of the Framework by all the Institutions and asked the participants to pass on the information to their Institution and to request its adoption via their chains of command.

#### **b) LoD 6 – National implementation of the strategic communication programme**

About European Union Military Academies Commandants Seminar (EUMACS) 2020, the LOD7 chairperson informed is scheduled to be held in Helmut Schmidt University of the Bundeswehr in Hamburg from 29-31 October 2020. The IG chairman confirmed it.

The EUMACS 2021 will take place in Lisbon, from 26 to 28 of may and the Portuguese Military Academy already started to plan it.

#### **c) LoD 8 – Common modules/evaluations and offers**

LOD7 chairperson asked to all participants to see the mobility offers in emilyo page because was actualized and they can find new AT and IT announced upcoming offers ([www.emilyo.eu/node/878](http://www.emilyo.eu/node/878)). This activities will have residential phase only if



the COVID-19 situation allows. A decision will be made before the deadline for registration.

Also, the LOD7 chairperson informed the participants about some items referred by LTCOL Spinelo:

1. ERASMUS Virtual Exchange: A new European Commission Project (2018-2020 pilot program) aims to expand the reach and scope of the Erasmus+ Program through virtual exchanges. A virtual Exchange is defined as a technology-enabled, facilitated, people-to-people education program sustained over a given period. The Project is aimed at young people (18-30), and the virtual exchange format distinguishes itself from other forms of online learning in several ways:

- people-to-people interaction and dialogue;
- participants experiencing how to communicate and collaborate with their peers;
- soft skills (intercultural awareness, media and digital literacy, teamwork, etc.) are included in the learning goals or outcomes;
- learner-led concept.

Training materials for teachers and staff and other information available on the portal: [www.europa.eu/youth/erasmusvirtual](http://www.europa.eu/youth/erasmusvirtual).

2. Virtual Mobility: The University of Turin, in cooperation with the IT Army Education and Training Command and School of Applied Military Studies, has opened up the start@unito project to all partner universities of the Emilyo programme (BOEIs) during COVID-19 crisis. It provides free online university courses, all of which are part of the university's graduate and undergraduate programmes and have been designed to encourage internationalisation processes. Courses can be freely accessed by anyone, using any type of device. Courses are self-paced. For those who intend to acquire ECTS credits, the final exam can be taken using a distance e-learning functionality. The programme dedicated to the field of security and defence is as follows:

- History of European Integration, 6 ECTS



- international Law, 6 ECTS
- Military Sociology and Leadership, 6 or 9 ECTS
- Mathematical Modelling, 6 ECTS

It is possible to attend one, several or all courses. A specific bilateral agreement has to be signed with the University of Turin in order to allow certification.

The programme will be confirmed for the next academic year. The CM database has been updated and the priority list of CM curricula to be updated and adapted to the standard format has been provided. Organising BOEIs are invited to attend the next LoD 8 meeting.

3. EDUROAM: Eduroam (<https://www.eduroam.org/>) is an association that provides Wi-Fi access and other services to universities and research centres in the EU and worldwide. At national level, every EU MS has created a consortium to which all universities can be affiliated as members, meaning that students, teachers and staff can access free Wi-Fi provided locally by other partners when they are abroad. If you wish to apply to become a new member, you are encouraged to contact your national Consortium. The University of Turin is part of this Consortium.

#### **d) LoD 9 – Future projects**

The LOD9 chairperson, LTCOL Marcin Bielewicz, from AWL MULF has stepped down. LTCOL Rafal Niedzela, also from AWL MULF, informed the participants about the intention of his Commandant to keep the LOD9 chairperson from AWL MULF and the proposed person is Prof. Marta Wincenwicz-Bosy (present in the meeting as invited person). The chairman of the IG informed that is mandatory for the nomination of the new LOD9 chairperson, the MULF Commandant to write a letter asking and the proposed person as to be accepted by all members of the IG.

#### **e) LoD 11 – International Naval Semester (INS)**

The LOD7 chairperson asked if all participants agreed with the proposal of the Italian Naval Academy to support the candidacy of Lt Cdr Samuele MONDINO, and if anyone disagree about the candidate. All the participants agreed with the nomination of Lt Cdr Samuele MONDINO for chairperson of LOD11.

#### **f) LoD 14 – Research and Development**

The LOD7 chairperson informed the meeting participants that the Hellenic Air Force Academy has nominated Associated Professor Ioannis TEMPLALEXIS as the chair of the R&D LoD. All the participants agreed with the nomination of Associated Professor Ioannis TEMPLALEXIS for chairperson of LOD14.

#### **g) International Medical Semester**

The chairman asked the word and updated the participants meeting on the matter of the establishment of a new LoD as na old subject and that the Hellenic Military Academy of Combat Support Officers (HMACSO) expressed its intention to lead the Medical LoD, and will therefore nominate a chair in due course, in order to be able to launch the new LoD at the September IG meeting.

#### **4) 5th CSDP Olympiad**

The LOD7 chairperson informed the participants that, in response to the preventive measures taken worldwide to intercept the spread of COVID-19, the IG, in close cooperation with Croatian Defence Academy (CDA), decided to postpone this event to early spring 2021 (8-12 March). The participants were advised to consult all details, available at [http://www.emilyo.eu/olympiad\\_csdp](http://www.emilyo.eu/olympiad_csdp). For the 5th CSDP Olympiad, the IG will not accept new participants, but those already accepted may participate, even if they have already graduated.

#### **5) iMAF 2020**

The chairman talked in the beginning of the follow-up meeting with the representatives of Nicolae Balcescu Land Forces Academy, Romania, and AWL Military University of Land Forces, Poland, and asked them to coordinate the organization of IMAF2020 and IMAF2021 due to the confinement measures put in place by EU MS to prevent the spread of COVID-19. The IMAF has been rescheduled to take place on the premises of the Nicolae Balcescu Land Forces Academy in Sibiu, Romania, back-to-back with the 48<sup>th</sup> IG meeting (30 November-4 December) and the IMAF2021 is planned to be organized by AWL Military University of Land Forces, Poland.

#### **6) Work plan**

The LOD7 chairperson informed the participants about 47<sup>th</sup> IG meeting: will take place in Brussels from 1-2 September 2020. On Monday 31 August, from 16.00 to 18.00, there will be a workshop for new IG members; all of the necessary



administrative details and documents are available at <http://www.emilyo.eu/node/878>. Decision on whether the IG meeting will be conducted in person or as a VTC will be made by the end of June at the latest. One important detail about accommodation was referred: for the 47<sup>th</sup> IG meeting the Royal Military Academy cannot accommodate the participants.

Lisbon, 10 of June 2020

The LOD7 Chairperson

Paulo Machado

LTCOL





**46<sup>th</sup> meeting of the Implementation Group  
for the European initiative for the exchange of young officers, inspired  
by Erasmus (Emilyo)  
LOD8 meeting (VTC)  
9 June 2020 (9:00-12:00)**

**Draft minutes**

The LOD8 group was informed by the chairman and discussed topics in accordance with the agenda and the minutes of the initial meeting (2 June), especially about the following topics:

- AWL representative was requested to nominate a replacement for the LOD9 chairperson if the academy wants to keep the lead in the LOD9. AWL will inform as soon as possible about it and about the organisation of the annual LOD9 meeting in Wrocław;
- the group accepted the candidacies of Lt. Cmdr. MONDINO as LOD11 Chairman and Ass. Prof. TEMPLALEXIS as LOD14 Chairman;
- HMACSO will inform the IG during the next September meeting about the candidacy of a chairperson for the new LOD International Medical Semester;
- France and Czech Republic were informed about 2 main events to be organised in 2022 during their EU Presidency semesters and requested to announce their intention as soon as possible: EUMACS and 6th CSDP Olympiad (the Olympiad organisation starts in September 2020);
- the group was informed about GAREA procedure (files to be used) and recommendations.

In addition the institutes announced their offers for the new academic year as follow (all offers will be uploaded at the EMILYO webpage):

- UoD (CZ) announced that new Master Degree study programme “Security and Defence” composed of 2 semesters will include 3 common modules (Military Leadership, Defence Resources and Tactics);
- Saint-Cyr Academy (FR) announced that 3 semesters (1 Geopolitics and 1 Science in English and 1 Geopolitics in French) will be offered in Fall and 3 semesters (1 Geopolitics and 1 Robotics in English and 1 Geopolitics in French) in Spring. The residential phase will only take place if the COVID19 situation allows that. Otherwise the semesters will be conducted via e-learning. Before the Fall semester, a limited number of places for a Mountain course are available. After the Spring semester, there is also a limited number of places available for a Jungle warfare course in Guyana. Academies have to ask especially for these courses. They are not included in the semesters. A Robotics Seminar will be offered in December 2020;
- HAA (GR) informed about the international semester in Spring. It will be conducted as the previous editions in a modular way;
- AWL (PL) will offer IMLC in June 2021 and other offers will be announced soon;





## **46th Meeting of the Implementation Group for the European initiative for the exchange of young officers inspired by Erasmus (Emilyo)**

### **LoD 10 Gender Mainstreaming meeting (VTC)**

**11 June 2020 (09:00-12:00, Brussels time)**

#### **Draft minutes**

The Chairperson welcomed the members of the subgroup by using the WEBEX system. All colleagues according to the initial list participated:

1. Assoc. Prof., PhD Sofia MENEZES – AM, Portugal;
2. Assoc. Prof., PhD Daniela MOLDOVEANU – MTA, Romania;
3. PhD Vida CESNUITYTE – Lithuania;
4. PhD Alvydas SAKOCIUS – Lithuania;
5. PhD Isabel COSTA – MoD, Portugal;
6. MA Birgit KERB – Estonia;
7. Annija ANDREJSONE – Latvia.

All participants introduced themselves and shared an information concerning to the COVID-19 spread and measures in their countries.

The chairperson informed the participants about the main points of the Initial Meeting of the IG. Messages were transmitted for the future events – part of the Initiative: EUMACS 2020, EUMACS 2021, 5th CSDP Olympiad, iMAF 2020, next IG Meeting and etc.

The members of the LoD 10 subgroup shared information of past and future events.

1. In fulfillment of one of our decisions during the discussions in LoD 10 subgroup in the 45th IG Meeting connected with the application for the Gender Project (strategic partnership) related to the gender concept and research, we informed the colleagues for successful application of the project named “Military Gender Studies Project” (MGS).

Assoc. Prof. Sofia Menezes – Erasmus+ coordinator in Military Academy in Lisboa, Portugal provided additional data related to the project. The MGS is a project to take place under KA2 of the Erasmus+ project. It is a strategic partnership among the Military Academies from Portugal (Coordinating Country), Bulgaria, Romania and Italy (Partner Countries). An application for this project was submitted last year but it was not successfully approved by the Portuguese National Agency. This year, a new application was submitted, with more data, more partners, and more support (PT MoD, PT National Defence Institute, Spanish MoD, Croatian RACVIAC Center for Security Cooperation). The application was submitted in March 2020 and results (hopefully, positive!) will be known by the end of July

The major goal of the MGS project is to gather data from different military academies of several European countries in order to undertake specific research under the field of Gender Studies in European Military Institutions. The project has three main objectives:

1. to stimulate scientific production regarding Gender Studies in the military;

2. to create and implement a set of common contents to be taught, initially, in each partner institution in the format of masterclasses – the curricular program being the result of the scientific research and production;

3. to extend the masterclasses to all Military Academies in Europe by means of training trainers from each of the institutions interested in taking part in the process.

2. The remind for future event was announced by Assoc. Prof. Daniela Moldoveanu - the Military Culture and War Experience Online , 15-17 October 2020, Bucharest, Romania. The conference will be hosted by Military Technical Academy "Ferdinand I" and organized in partnership with New Bulgarian University, Sofia, Bulgaria.

In view of the current Covid-19 situation and the uncertainty regarding prospects for the coming months, the MCWE organizing committee and the MTAFI Executive have jointly decided to hold the CONFERENCE ONLINE. The organizers and a limited number of participants are, however, expected to be physically present function of the Covid-19 future regulations.

Some of the main topics in the conference are:

- Military cross-cultural competence;
- Gender, race, age and disability in the military;
- Implications of military culture and stereotypes and etc.

As one of the keynote speakers is invited the Chairperson of LoD 10 Gender Mainstreaming.

For more information about MCWE 2020 check the conference website: <https://mcwe2020mta.wixsite.com/website>

3. The idea to organize 3rd Erasmus Gender seminar 'How to strengthen gender perspective within the European basic officer education' was on our meeting agenda again. It was confirmed that Estonian Military Academy is still very interested in arranging of the 3rd gender seminar in Tartu. According to the Academy's representative the plan was that seminar could take place 06-08.10.2020, but because of the COVID-19 situation the request to the superiors will be this event to take place in February 2021.

4. The conversation for the new common module 'Gender perspectives' was connected with sharing of proposals for the content of the module.

A lot of researches and publications are available with the popular topics like "Differences between gender and sex" or "UN Resolution 1325 on Woman , peace and security and its impact on the social processes" , but additional topics could be involved as follows:

- International document of the implementation of WPS agenda;
- Key Gender Concepts;
- Gender diversity;
- Empathy, emotions and gender;
- The social media, gender and the military;
- Recruiting policies and practices in the military;
- Gender Equality in Security Sector Reform
- Gender in PSO;
- Gender-based violence .....

The future work will continue with the determination of the organizational elements – for example: how each academy will find a way to insert the module in its curriculum; is it possible the module to become part of the Erasmus international semester; how to arrange this module in order to be attractive for the young cadets; how to prepare academic lectures and to find experts for teaching and showing good gender based policies.

**LoD 10 Chairperson**  
**Colonel Assoc. Prof. Nevena Atanasova- Krasteva, PhD**  
**Vasil Levski NMU**  
**BULGARIA**

## 46<sup>th</sup> IMPLEMENTATION GROUP MEETING

### Line of Development 11 Meeting - “International Naval Semester”

11 June 2020 (09:00 – 12:00)

#### DRAFT MINUTES

#### Executive Summary

Due to COVID-19 evolution, for the first time in IG’s history, LoD 11 (International Naval Semester) working group has been conducted via VTC.

The VTC meeting took place on 11<sup>th</sup> of June 2020 09:00-12:00 (Brussel time) using Cisco Webex Meeting Tool; no particular difficulties neither technical problem were experienced.

- The LoD11 chair candidate (Lt. CDR. Samuele MONDINO) welcomed the attendants of the LoD11 Members (in Annex A).
- **Adoption of the agenda:** The agenda (in Annex B) was adopted.

#### **1. Transfer of all main information discussed during 46<sup>o</sup> IG Meeting** – VTC Initial Meeting (02nd June 2020) to the LoD 11 Members:

All LoD 11 members received and discussed following information:

- Update on all lines of development (LoDs):
  - LoD 5 – Legal framework  
Lithuania adopted the Legal framework.
  - LoD 6 – National implementation of the strategic communication program
    - EUMACS 2020 scheduled to be held in Helmut Schmidt University of the Bundeswehr in Hamburg from 29-31 October 2020;
    - EUMACS 2021 will take place in Lisbon on the premises of the Portugal Military Academy.
  - LoD 8 – Common modules/evaluations and offers
    - TMA – International Winter Semester residential phase will only take place if the COVID-19 situation allows. A decision will be made before 10<sup>th</sup> July 2020.
    - ITNA – International Fall Semester (invitations and documents will be uploaded on <http://www.emilyo.eu/node/878>) residential phase, actually confirmed, will only take place if the COVID-19 situation allows. Final decision will be made before 31<sup>th</sup> July 2020.
    - ERASMUS+ Virtual Exchange opportunity ([www.europa.eu/youth/erasmusvirtual](http://www.europa.eu/youth/erasmusvirtual)). This new opportunity has received the interest of some members of LoD11 and the request for further and more exhaustive information than that present on the link provided has been advanced.
    - Virtual Mobility opportunity:  
This new project of the University of Turin, in collaboration with the IT Army Education and Training Command and School of Applied Military Studies, has also met with interest.  
For more details regarding this opportunity, on the 12<sup>nd</sup> of June, the LoD 8 Chairperson Lt. Col Spinello Enrico has been contacted and his mail address ([enrico.spinello@unito.it](mailto:enrico.spinello@unito.it)) provided to the interested members.

## 46<sup>th</sup> IMPLEMENTATION GROUP MEETING

### Line of Development 11 Meeting - “International Naval Semester”

**11 June 2020 (09:00 – 12:00)**

- LoD 9 – Future projects  
As LoD9 chair has stepped down, a new candidacy will be soon proposed and has to be approved by LoD9 members.
- LoD 11 – International Naval Semester (INS)  
As Lieutenant CDR D'ALESSANDRO (previous LoD11 chairperson) has been transferred to a new assignment, the Italian Naval Academy has proposed the candidacy of Lieutenant Cdr Samuele MONDINO. LoD 11 members has to formally accept it as the new LoD11 group chairperson.
- LoD 14 – Research and Development  
The Hellenic Air Force Academy supported candidacy of Associated Professor Ioannis TEMPLALEXIS as the chair of the R&D LoD. Also this candidacy will be discussed and approved by LoD14 members.
- International Medical Semester  
A new LoD will be established at the September IG Meeting. The Hellenic Military Academy of Combat Support Officers (HMACSO) expressed its intention to lead the Medical LoD, and will therefore nominate a chair.
- 5th CSDP Olympiad  
Due to COVID-19 evolution, the Event will be held in early spring 2021 (8-12 March). Details are available at [http://www.emilyo.eu/olympiad\\_csdp](http://www.emilyo.eu/olympiad_csdp).
- IMAF 2020  
This Event has been postponed due to COVID-19 situation. The event has been rescheduled to take place on the premises of the Nicolae Balcescu Land Forces Academy in Sibiu, Romania, back-to-back with the 48th IG meeting (30 November-4 December).
- WORKPLAN  
The 47th IG meeting will take place in Brussels from 1-2 September 2020.  
On Monday 31 August, from 16.00 to 18.00, there will be a workshop for new IG members; all of the necessary administrative details and documents will be available at <http://www.emilyo.eu/node/878>.  
Decision on whether the IG meeting will be conducted in person or as a VTC will be made by the end of June at the latest

### **2. ITNA Lt.CDR Samuele MONDINO candidacy**

Members discussed and **formally approved** the Italian Naval Academy candidacy of Lt. CDR Samuele MONDINO as new chairman of LoD 11 group.

### **3. Common modules/evaluations and offers**

Lt. CDR Samuele MONDINO, representative of the Italian Naval Academy, informed that ITNA International Fall Semester (ITNA IFS) was confirmed.

ITNA – IFS 2020 starts on 28<sup>th</sup> September 2020 and ends on 31<sup>st</sup> December 2020. Last date for registration is 31<sup>st</sup> of July 2020.

Soon this documentation will be sent for upload on this page: <http://www.emilyo.eu/node/878>:

- ITNA-IFS -2020 Booklet;
- Application Form;
- All editable needed forms.

## 46<sup>th</sup> IMPLEMENTATION GROUP MEETING

### Line of Development 11 Meeting - “International Naval Semester”

11 June 2020 (09:00 – 12:00)

#### 4. General Annual Report on ESDC Activities (GAREA)

The two Excel-files at: <http://www.emilyo.eu/node/182> concerning the General Annual Report on ESDC Activities (GAREA) have to be properly filled and sent to these mail address: [harald.gell@inode.at](mailto:harald.gell@inode.at) and [Ilias.MAKRIS@eeas.europa.eu](mailto:Ilias.MAKRIS@eeas.europa.eu) no later than the 17<sup>th</sup> of July 2020.

- Country Institutions who have hosted INCOMING Staff, Observers, etc. received in the academic year 2019/2020 under the European Initiative for the exchange of young officers inspired by Erasmus have to register statistic data on the Excel file “*Country Institution Incoming Instructors and Staff Statistics Study Year 2019\_2020*”. No outgoing statistic has to be considered.
- Country Institution who have hosted INCOMING Students during Common, Non common modules or Semesters-Internships in the academic year 2019/2020 under the European Initiative for the exchange of young officers inspired by Erasmus, have to register statistic data on the Excel file “*Country Institution Incoming Students Statistics Study Year 2019\_2020*”. Please note that to eventually register OUTGOING (Officer Cadets and Students) - which numbers cannot be gathered by the receiving institution because it is NOT a Basic Officer Institution represented in the IG you have to consider file section labelled “*OUTGOING to NON-BOEI*”.

#### 5. International Naval Semester

- **List of EQF7 Modules** were approved as follow:

INTERNATIONAL NAVAL SEMESTER	ECTS
ENGLISH NAVAL TERMINOLOGY	2
NAVAL SENSORS	2
NAVAL ELECTRONICS	2
OCEANOGRAPHY	2
MARITIME SECURITY	2
NAVAL ARCHITECTURE	4
NAVAL POWER PLANTS	2
NAVAL LEADERSHIP	2
NAVAL COMMUNICATIONS	2
NAVAL COMPUTER NETWORK	2
NAVAL CYBER THREATS (RESILIENCE+SECURITY)	4
MILITARY LEADERSHIP C (PHYSICAL TRAINING)	2 + 2
	<b>30</b>

EXTRA WORK	ECTS
NAVAL ARCHITECTURE	2
NAVAL POWER PLANTS	2
MILITARY LEADERSHIP C (PHYSICAL TRAINING)	2
	<b>6</b>

- **List of EQF7 Learning Outcomes**, were deeply discussed and some changes have been made and **approved** by LoD Members.



## 46<sup>th</sup> IMPLEMENTATION GROUP MEETING

### Line of Development 11 Meeting - “International Naval Semester”

**11 June 2020 (09:00 – 12:00)**

APPENDIX C includes the International Naval Semester discussed and approved Learning Outcomes Draft-CH3.

#### – Workplan

- With reference to the “English Naval Terminology” Module’s Learning Outcomes, a Draft Version will be produced by chairmanship and will be sent to the LoD11 members by the end of June for further approval.
- Upon approval of “English Naval Terminology” Learning Outcome, Modules Descriptions will be produced in Draft version by Chairmanship and shared with LoD 11 Members in order to be discussed and approved formally no later than next 47<sup>o</sup> IG & LoD 11 Meeting, actually scheduled in the period 01st-02nd September 2020.
- Poland will have the leadership in Strategic Partnership with reference to Erasmus+ KA2.
- Currently awaiting the new Erasmus regulation 2021-2027, Poland will produce a draft version of the Strategic Partnership description to be submitted to the Members who will join it.

This draft version will be sent to all LoD11 members in due time to be properly discussed in order to agree the aims, workflow, Intellectual outputs and to exactly defines responsibilities by participants in leading the Intellectual outputs.

- As communicated by LoD 11 members, these Country will be take part actively to the Strategic Partnership:
 

Poland:	StratP Leader
Bulgaria:	Partner
Romania	Partner
Greece:	Partner
Portugal:	Partner (waiting for final confirmation)
Italy:	Partner (to be confirmed)
Spain:	Partner (waiting for confirmation)
- Strategic Partnership Agreement will be presented by Poland on the next 02/2021.

## 46<sup>th</sup> IMPLEMENTATION GROUP MEETING

**Doc. :** Lod 11 – Draft Minutes

**Date :** 11/06/2020

**Origin:** LoD 11 Subgroup

### Line of Development 11 Meeting - “International Naval Semester”

11 June 2020 (09:00 – 12:00)

#### ANNEX A – LIST OF PARTECIPANTS

RANK	FAMILY NAME	FIRST NAME	NATIONALITY	INSTITUTION
Cdr	PERIN	Patrizio	ITALY	ITALIAN NAVAL ACADEMY
LtCdr	MONDINO	Samuele	ITALY	ITALIAN NAVAL ACADEMY
Lt	ARABATZIS	Dimitrios	GREECE	HELLENIC NAVAL ACADEMY
LtCol	BOKUMS	Andis	LATVIA	NATIONAL DEFENCE ACADEMY OF LATVIA
Capt (N) Assoc. Prof.	DIMITROV	Nedko	BULGARIA	“NIKOLA VAPTSAROV” NAVAL ACADEMY
LtCdr	FERNÁNDEZ QUÍÑONES	Alberto	SPAIN	ESCUELA NAVAL MILITAR
PhD	GÓMEZ-PÉREZ	Paula	SPAIN	ESCUELA NAVAL MILITAR –VIGO UNIVERSITY
Ass Prof	KALLIGEROS	Stamatios	GREECE	HELLENIC NAVAL ACADEMY
LtCdr	KAVOUSANOS	Christos	GREECE	HELLENIC NAVAL ACADEMY
Col. Assoc. Prof. PhD	POPA	Catalin	ROMANIA	“MIRCEA CEL BATRAN” NAVAL ACADEMY
LtCdr Assoc. Prof. PhD	RISTEA	Marian	ROMANIA	“MIRCEA CEL BATRAN” NAVAL ACADEMY
Prof. PhD	TEODORO	Maria Filomena	PORTUGAL	PORTUGUESE ESCOLA NAVAL
Capt Assoc. Prof. PhD	TOMA	Alecu	ROMANIA	“MIRCEA CEL BATRAN” NAVAL ACADEMY
MSc	WYSOCKA	Monika	POLAND	POLISH NAVAL ACADEMY

## 46<sup>th</sup> IMPLEMENTATION GROUP MEETING

### Line of Development 11 Meeting - “International Naval Semester”

11 June 2020 (09:00 – 12:00)

#### ANNEX B – MEETING AGENDA

##### **1. 46<sup>o</sup> IG MEETING –Initial Meeting VTC (02<sup>nd</sup> June 2020)**

All main topics discussed during the 46<sup>o</sup> Initial Meeting on the 2<sup>nd</sup> June will be passed to LoD11 members:

- Update on all lines of development (LoDs):
  - LoD 5** – Legal framework (adoption of the legal framework from Lithuania);
  - LoD 6** – National implementation of the strategic communication program:
    - EUMACS 2020 update
    - EUMACS 2021 update
  - LoD 8** – Common modules/evaluations and offers
    - TMA – International Winter Semester update
    - ITNA – International Fall Semester update
    - ERASMUS+ Virtual Exchange opportunity;
    - Virtual Mobility opportunity;
  - LoD 9** – Future projects - New LoD 9 chairmanship candidacy proposal.
  - LoD 11** – International Naval Semester (INS) - New LoD 11 chairmanship candidacy proposal.
  - LoD 14** – Research and Development - New LoD 11 chairmanship candidacy proposal
  - International Medical Semester** - New Medical LoD implementation and chairmanship candidacy proposal.
- 5th CSDP Olympiad - Update on the Event due to COVID-19 evolution.
- IMAF 2020 - Update on the Event due to COVID-19 evolution.
- WORKPLAN - 47th IG Meeting proposal.

##### **2. ITNA Lt.CDR Samuele MONDINO candidacy**

##### **3. Common modules/evaluations and offers**

ITNA IFS 2020 Confirmation – last date for registration postponed to 31<sup>th</sup> of July 2020.

##### **4. General Annual Report on ESDC Activities (GAREA)**

Format Excel-files availability, compilation instruction and transmission date.

##### **5. International Naval Semester**

- Point of Situation;
- Learning Outcomes Check and approval;
- English Naval Terminology Module Learning Outcome definition;
- Workplan.

## 46<sup>th</sup> IMPLEMENTATION GROUP MEETING

### Line of Development 11 Meeting - “International Naval Semester”

11 June 2020 (09:00 – 12:00)

#### ANNEX C – INS EQF7 LEARNING OUTCOMES (DRAFT – CH3)

KNOWLEDGE	SKILLS	COMPETENCE
<b>NAVAL LEADERSHIP</b>		
<ul style="list-style-type: none"> <li>Knowledge on Self and Team leadership.</li> <li>Developing professional communication abilities, both orally and in writing, including negotiation and mediation techniques, and the necessary terminologies allowing him/her to express opinion, arguments, orders and feedbacks in an appropriate manner.</li> </ul>	<ul style="list-style-type: none"> <li>Carries out tasks in accordance with specified objectives, being integrated in a work group and allocates specific tasks to subordinate levels using communication and dialog, co-operation, positive thinking and mutual respect and using feedback to improve personal activity.</li> <li>Develops interpersonal communication skills and cultural open mindedness within a group in situations of work or in an external and complex environment (transmitting opinions, orders, feedbacks, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrates ability to optimize human potential like steadiness, determination, work anticipation, organization, sense of liability and integrates gender-awareness in his/her decisions.</li> <li>Assumes responsibilities of the leader, based on modern means of Leadership in complex military operations</li> <li>Communicate and interact effectively in an international environment.</li> </ul>
<b>POWER PLANTS</b>		
<ul style="list-style-type: none"> <li>Knowledge of Fluid and Gas Dynamics.</li> <li>Draw layouts of operation within the electric circuit.</li> <li>Envision distribution of electricity and management of individual power systems high and low voltage.</li> <li>Provide load distribution in the ship's power network.</li> <li>Discern and describe the processes, elements and performance of marine propulsion systems.</li> <li>Analyse and describe the function of system pipeline and equipment necessary for safe navigation.</li> </ul>	<ul style="list-style-type: none"> <li>Ability to manage different types of engines, propellers (F.P. – C.P.P.).</li> <li>Ability to calculate engines fuel consumption per hour for different speeds.</li> <li>Ability to manage the connecting systems (shaft, gearbox, clutch).</li> <li>Ability to understand the effects of Marpol Annex VI about the performance of the propulsion plant.</li> <li>Ability to be the energy manager for the electrical network.</li> </ul>	<ul style="list-style-type: none"> <li>Manage propulsion plants in different scenarios.</li> <li>Manage propulsion plants to obtain the best performance in relation with the mission.</li> </ul>

## 46<sup>th</sup> IMPLEMENTATION GROUP MEETING

### Line of Development 11 Meeting - “International Naval Semester”

11 June 2020 (09:00 – 12:00)

KNOWLEDGE	SKILLS	COMPETENCE
<b>COMPUTER NETWORK</b>		
<ul style="list-style-type: none"> <li>Knowledge of the data representation and storage, data processing, computer architecture, operating systems, networks, internet.</li> <li>Carry out training on the application context (Operating Systems, Server, Mobile, Firmware and Safety aspects.</li> <li>Knowledge of Networks and protocols (ISO/OSI model, Focus on Ethernet and IP networks).</li> <li>Understand the IT application systems like Client Systems, Service Oriented Applications, Databases, Cloud computing.</li> <li>Understand the OT application systems like Protocols and Architectures, PLC and microcontrollers, Supervisory systems.</li> </ul>	<ul style="list-style-type: none"> <li>Understand the complex principles, structure and security aspects of communication Networks.</li> <li>Identify the complex functions such as addressing, routing, and firewalling for IP networks.</li> </ul>	<ul style="list-style-type: none"> <li>Ability to configure simple and complex IP services.</li> <li>Ability to define IP rules for firewalls and routers.</li> <li>Record network traffic with Wireshark.</li> </ul>
<b>NAVAL ELECTRONICS</b>		
<ul style="list-style-type: none"> <li>Acquire the scientific knowledge, necessary for understanding the operating principles of the on-board electronic equipment:               <ul style="list-style-type: none"> <li>Discrete Analog Electronics</li> <li>Power Electronics</li> <li>Digital Electronic Circuits</li> <li>VLSI Circuits</li> </ul>               via theoretical and laboratory training.             </li> </ul>	<ul style="list-style-type: none"> <li>Have knowledge about electronic devices principles.</li> <li>Interpret correctly the physic phenomena of static and dynamic electronic devices functionality.</li> <li>Be able to identify and determine the main parameters and create static characteristics of electronic devices.</li> <li>Achieve knowledge about electronic circuit projection.</li> </ul>	<ul style="list-style-type: none"> <li>Ability to understand and analyse electronic circuits making use of different types of amplifiers and active elements.</li> <li>Ability to correctly understand and analyse the polarization of electronic circuits.</li> <li>Ability to analyse and understand the behaviour of electronic circuits.</li> </ul>
<b>Note:</b> Basic knowledge of digital and analog electronic circuitis is recommended for attendees.		

## 46<sup>th</sup> IMPLEMENTATION GROUP MEETING

### Line of Development 11 Meeting - “International Naval Semester”

11 June 2020 (09:00 – 12:00)

KNOWLEDGE	SKILLS	COMPETENCE
NAVAL SENSORS (PREREQ NAVAL ELECTRONIC)		
<ul style="list-style-type: none"> <li>Understand the principles of radar, radar equipment (transmitters, antennae, receivers, etc.).</li> <li>Review of Military Radar Applications with practical case studies (Synthetic Aperture Radar, Multistatic radar, Over the Horizon Radar, Phase Array Radar)</li> <li>Understand radar equations and radar performance with Probabilities of Detection and False Alarm as parameters.</li> <li>Description and analysis of the operation and performance of military radar systems for detecting, tracking and locking on targets in the aeronautical operational area.</li> <li>Knowledge of the electronic warfare.</li> <li>Review of principles and applications of Electro-optical Systems as key sensors in the Aeronautical Warfare.</li> <li>6. Knowledge of the electronic warfare in ES,EP and EA Systems</li> </ul>	<ul style="list-style-type: none"> <li>Recognize the constructive type of equipment and integrated navigation system by various specific criteria.</li> <li>Describe and identify the parts of integrated bridge systems of the ship.</li> <li>Interpret and correlate the provided data by the integrated bridge systems.</li> </ul>	<ul style="list-style-type: none"> <li>Understand different techniques applied to modern sensors.</li> <li>Ability to evaluate sensors main performances and cost.</li> <li>Ability to make correct tactical decisions exploiting information from radars and EW systems.</li> <li>Manage on-board sensors in different warfare and scenarios</li> <li>Take advantage of the maximum potential of on-board sensors, also in relation to the operational environment.</li> </ul>

**Note:** Basic knowledge on radar and optoelectronic systems is recommended for attendees.



## 46<sup>th</sup> IMPLEMENTATION GROUP MEETING

### Line of Development 11 Meeting - “International Naval Semester”

11 June 2020 (09:00 – 12:00)

KNOWLEDGE	SKILLS	COMPETENCE
<b>MARITIME SECURITY AND NCAGS</b>		
<ul style="list-style-type: none"> <li>Knows the EU and international maritime Security Law.</li> <li>Knows the main aspects of modern maritime warfare and rules of engagement.</li> <li>Has a basic knowledge on maritime security theories.</li> <li>Has a basic understanding of the EU maritime strategy.</li> <li>Know the naval cooperation and guidance for shipping (NCGS) operations.</li> </ul>	<ul style="list-style-type: none"> <li>Finds a suitable solution in a complex and potentially dangerous maritime environment, to find a tactical solution to complete the mission.</li> <li>Has the necessary administrative skills for managing multinational naval incidents.</li> <li>Manages stress situations, combining on the spot decisions and respect to the maritime law.</li> </ul>	<ul style="list-style-type: none"> <li>Understands the course of action of the higher command level and takes the necessary initiative to contribute to its success.</li> <li>Can make decisions in an unpredictable operating naval environment.</li> <li>Adapts to various types of conflicts, naval actions based on acquired knowledge.</li> </ul>
<b>NAVAL CYBER THREATS - (PREREQ COMPUTER NETWORKS)</b>		
<ul style="list-style-type: none"> <li>Knowledge of Information security, security of communications and data Encryption, Hashing, Authentication and digital signature, secure network architectures (Wired networks and wireless networks, IT networks, OT networks).</li> <li>Knowledge of Systems evaluation techniques. Vulnerability and methodologies of attack.</li> <li>Risk Assessment and Management (IT vs OT, Multidimensional threat, Vulnerability Assessment, Penetration Test).</li> <li>Network control methods (Logging, monitoring and analysis, IDS and Data Analysis Techniques, near real-time security and communications).</li> <li>Basic knowledge of cyber-attacks: malwares, information-based attacks and their attacking methods.</li> <li>Understand the complex cyber security.</li> <li>Understand the principles of international/national cyber security strategies.</li> </ul>	<ul style="list-style-type: none"> <li>Recognize threats for confidentiality, integrity and availability in IT and OT systems.</li> <li>Identify risks for IT/OT networks and common applications.</li> <li>Understand principles on service/business continuity and recovery plans.</li> <li>Identify the cyber threats.</li> <li>Describe the cyber-attacks: fundamentals of malwares, information-based attacks and their attacking methods.</li> <li>Identify the task and tools to improve of personal and organizational cyber security.</li> </ul>	<ul style="list-style-type: none"> <li>Ability to use secure communications such as SSL and tools for digital signature and encryption.</li> <li>Ability to identify Vulnerability on a common source Database (CVE).</li> <li>Ability to evaluate Risk Assessments and VA&amp;PT reports.</li> <li>Ability to read and understand incident reports. Ability to realize the cyber threats.</li> <li>Ability to set up cyber security defences.</li> <li>Consider the possibilities to develop cyber security capabilities.</li> <li>Ability to manage Naval networks.</li> </ul>

## 46<sup>th</sup> IMPLEMENTATION GROUP MEETING

### Line of Development 11 Meeting - “International Naval Semester”

11 June 2020 (09:00 – 12:00)

KNOWLEDGE	SKILLS	COMPETENCE
<b>OCEANOGRAPHY</b>		
<ul style="list-style-type: none"> <li>Knowledge of the main topics of general and military oceanography.</li> <li>Understand the Oceanographic Weather Organization (METOC) within NATO.</li> </ul>	<ul style="list-style-type: none"> <li>Enhancing capabilities in navigation, hydrography and ship manoeuvring at the operational level;</li> <li>Planning route, executing navigational watch in safe conditions and ship management in order to ensure a good seaworthiness of the ship, even the ship is alone or in a task group or task force.</li> </ul>	<ul style="list-style-type: none"> <li>Collect and manipulate oceanic, atmospheric, and geospatial data sets and rigorously analyse and interpret observational data, in situ experimental data, and model results.</li> <li>Analyse and interpret flow of operational METOC data, in naval military operations.</li> </ul>
<b>NAVAL ARCHITECTURE</b>		
<ul style="list-style-type: none"> <li>Knowledge of geometry, static and dynamics law of the ship, necessary to face the problems connected with the buoyancy, the stability, the resistance to advancement and the behaviour of the ship.</li> </ul>	<ul style="list-style-type: none"> <li>Apply correctly the studied topics about ship geometry, ship forms, ship buoyancy, intact and damaged ship stability.</li> <li>Recognise and describe shipbuilding elements and the main ship building methods.</li> <li>Describe special ship features of shipbuilding and operation.</li> <li>Understand and analyse the ship's hull longitudinal strength.</li> <li>Operate safely the transport vessels while loading or unloading cargo.</li> <li>Use ship's documents and diagrams referring to hydrodynamics and ship stability.</li> <li>Understand and correctly apply seakeeping concept and principles.</li> </ul>	<ul style="list-style-type: none"> <li>Ability to evaluate variation of stability caused by changing boarding cargo or flooding.</li> <li>Ability to analyse effect of the trim about the ship's stability.</li> </ul>
<b>Note:</b> Knowledge of basic physics and basic mathematics is recommended for attendees.		

## 46<sup>th</sup> IMPLEMENTATION GROUP MEETING

### Line of Development 11 Meeting - “International Naval Semester”

11 June 2020 (09:00 – 12:00)

KNOWLEDGE	SKILLS	COMPETENCE
<b>NAVAL COMMUNICATIONS</b>		
<ul style="list-style-type: none"> <li>Knowledge of characteristics of radio-communication systems and devices.</li> <li>Understand electromagnetic wave phenomena, propagation and attenuation.</li> <li>Knowledge of free-space propagation.</li> <li>Understand the principles of modulation and satellite communications.</li> <li>Satellite systems for telecommunications, navigation, remote sensing and maritime security systems are examined, orbital mechanics and link budgets of GEO, MEO and LEO Satellites.</li> <li>Basic knowledge of the GMDSS systems.</li> </ul>	<ul style="list-style-type: none"> <li>Achieve knowledge about maritime communications, electromagnetic waves propagation, communications types and modulation.</li> <li>Knowing how to organize a frequency plan taking into consideration the skills and restrictions of naval training.</li> <li>Know the best propagation methodologies depending on the time of day and the frequency bands used.</li> <li>Know the principles of satellite communications and the associated multiple access techniques to the satellite resource.</li> <li>Achieve GMDSS knowledge according to Radio Legislation and subsystems technique specifications.</li> </ul>	<ul style="list-style-type: none"> <li>Recognize the main communication problems, solving them.</li> <li>Prepare the naval force communication plan.</li> <li>Transmit and receive correct and in time information, using GMDSS subsystems and equipment in accordance to Radio Legislation and other conventions and international regulations (SOLAS, STCW, etc.).</li> </ul>
<b>MILITARY LEADERSHIP C (PHYSICAL TRAINING)</b>		
<ul style="list-style-type: none"> <li>Knows the main aspects of general and specific sports education and is subsequently able to organize physical training sessions for subordinated personnel.</li> <li>Has a basic knowledge on maintenance of physical fitness and how to pass this knowledge theoretically and practically to subordinated personnel as a leader.</li> <li>Knows the techniques to prepare and conduct physical training sessions.</li> <li>Knows the basic methods of prevention of injuries and overload damages.</li> </ul>	<ul style="list-style-type: none"> <li>Is capable of managing physical training sessions using different methods of training.</li> <li>Has the necessary organizational and administrative skills for managing physical training mainly for fitness military personnel needs.</li> <li>Is able to lead a group during physical training.</li> </ul>	<ul style="list-style-type: none"> <li>Is capable of leading physical training sessions.</li> <li>Assumes responsibilities of the leader for physical training, based on modern means of training methods.</li> <li>Maintains and develops the physical fitness that is required for enduring situations a military leader must face.</li> </ul>

Common Module

Non Common Module

## 6<sup>th</sup> Plenary Meeting of the LoD-12 (International Air Force Semester)

In the context of the

### 46<sup>th</sup> meeting of the Implementation Group for the European Initiative for the exchange of young officers inspired by Erasmus 09 June 2020 (09:00-11:00) VTC

#### Draft minutes

- 1) The LoD-12 chair welcomed the thirteen (13) participants from eight (8) EU Member States and eight (8) institutions.

Air Force Institution/Member State	Number of Participants
Theresian Military Academy/AT (IG Chair)	1
European Security & Defence College/EU (TM)	1
Hellenic Air Force Academy/GR	2
Military University of Aviation/PL	4
Portuguese Air Force Academy/PT	1
Air Force Academy 'Henri Coanda'/RO	2
Italian Air Force Academy/IT	1
Military Academy of Lithuania/LT	1

#### 2) Adoption of the agenda

#### 3) Update by the LoD-12 chair on the issues discussed in the initial VTC meeting of June 2nd among IG Chair, ESDC Training Manager and LoD chairs

The LoD-12 chair briefed the participants about the updates in the Lines of Development according to the minutes of the Initial VTC meeting of IG. More specifically, new developments in LoD-5, 6, 8, 9, 11 and 14 were presented and the participants were particularly asked to agree or not with the nomination of Lt Cdr Samuele MONDINO as the chair of the LoD-11 – International Naval Semester and Associate Professor Ioannis Templalexis as the chair of the new LoD-14 – Research and Development. None of the participants objected to the

previously mentioned nominations. The Training Manager of the ESDC also informed the participants for the establishment of a new LoD for the International Medical Semester which will be formed in the future since The Hellenic Military Academy of Combat Support Officers has expressed the interest to nominate a chair in due course. Finally, the chair informed the participants about the forthcoming GAREA statistic forms that all the IG member institutions will receive in the future with instructions on how to submit them and thus they need to be prepared.

#### 4) International Air Force Semester Status Update

The chair of LoD-12 informed the participants that the Strategic Partnership Proposal was submitted on behalf of the consortium on the 24<sup>th</sup> of April, 2020 to the Hellenic National Agency (IKY) through the online platform. Then, the main activities and the expected outcomes of the project were presented along with the foreseen in the proposal timeline. The budget requested and the submitted project plan was also presented as well as all the scheduled meetings and events of the project. In this point, the Training Manager of the ESDC, Mr. Ilias Makris noted that in order to facilitate the organization of the meetings of the project, other IG activities could be scheduled together upon agreement of all the IG members, as for example, a transnational meeting could follow an IG meeting in order to reduce traveling for the project participants. The specific possibility will be further investigated by the Training Manager of the ESDC and it will be discussed in the next IG meeting depending on the success of the project proposal.

Concluding the presentation, the chair of LoD-12 discussed the preparatory activities that need to be done by the partners upon successful selection of the proposal for funding. The main activities are related with the harmonization of the internal management procedures within institutions with the required by the funding scheme procedures, the appointment of the responsible personnel to work in the project and the preparation and signing of a bipartite agreement between the coordinator of the project and each partner.

#### 5) Road map

- Once the project leading institution is notified by the National Agency for the evaluation results of the proposal, it will immediately communicate the results to the partner organizations.
- Further VTC meetings between the partner organizations may be scheduled depending on the outcome of the project evaluation during the summer or in September in order to discuss the next actions.

# 46<sup>th</sup> Meeting of the Implementation Group for the European Initiative for the Exchange of Young Officers Inspired by Erasmus (Emilyo) LoD-13 Meeting – International Technical Semester (VTC) 10 June 2020 (13:00-16:00) Draft minutes

## 1. Participants

The LoD-13 Session of the 46<sup>th</sup> IG Meeting of the European Initiative for Exchange of Young Officers Inspired by Erasmus was held on 10<sup>th</sup> of June 2020, 13:00-16:00 (Brussels time) by VTC. There were 11 participants from 6 academies (5 countries).

Institution	Country	Participants
Military University of Technology, Warsaw	Poland	3
Military Technical Academy „Ferdinand I”, Bucharest	Romania	2
Hellenic Air Force Academy, Dekelia, Attica	Greece	2
Bulgarian Air Force Academy, Dolna Mitropolia	Bulgaria	2
French Air Force Academy, Salon-de-Provence	France	1
„Mircea cel Batrân” Naval Academy, Constanța	Romania	1
<b>Total</b>	<b>5</b>	<b>11</b>

The LoD-13 Chairperson welcomed the new members of the LoD13, the representatives of the Bulgarian Air Force Academy, Dolna Mitropolia (Bulgaria) and of the „Mircea cel Batrân” Naval Academy, Constanța (Romania), and also all the participants at the LoD13 meeting.

## 2. Agenda

The LoD-13 Chairperson proposed the following agenda:

- a) *Updates on lines of development (LoDs) including the following items:*
  - LoD 4. IT Platform
  - LoD 5. Legal Framework
  - LoD 6. National Implementation of the Strategic Communication
  - LoD7. Financing the Initiative
  - LoD 8. Common Modules
  - LoD 9. Future Projects (new chairperson)
  - LoD10. Gender Mainstreaming
  - LoD11. Naval International Semester (new chairperson)
  - LoD12. International Air Force Semester
  - New LoD14 Research and Development
  - New LoD15 International Medical Semester
- b) *Updates on the next EMILYO activities:*
  - CSDP Olympiad
  - The 47<sup>th</sup> IG Meeting
  - EUMACS 2020
  - The iMAF 2020 and the 48<sup>th</sup> IG Meeting
  - GAREA Statistics
- c) *Progress of the International Technical Semester Project*
- d) *Technologies in Cybersecurity Module*
- e) *Reports on Exchanges Conducted since the Last Meeting and New Possibilities for Exchanges*

The participants at the LoD13 session of the 46<sup>th</sup> IG Meeting adopted the proposed agenda.



### 3. Updates on lines of development (LoDs)

The LoD13 chairperson presented the initial meeting minute of the 46<sup>th</sup> IG Meeting held on 02<sup>th</sup> of June 2020 by VTC. During the meeting, the Implementation Group (IG) chair was also present and he highlighted important aspects discussed during the initial meeting.

#### a) LoD 4. IT Platform

The LoD13 chairperson informed the LoD13 members that the LoD4 session was organized on 09<sup>th</sup> June 2020. Information about LoD4 progress will be available after this meeting.

#### b) LoD 5. Legal Framework

The LoD13 chairperson announced the adoption of the legal framework from Lithuania. He transmitted to the LoD13 members the IG chair message about the importance of legal framework.

#### c) LoD 6. National Implementation of the Strategic Communication

The LoD13 chairperson and the IG chair informed the LoD13 members about 2020 and 2021 editions of EUMACS:

- the EUMACS 2020 will be held in the face-to-face format at Helmut Schmidt University of the Bundeswehr in Hamburg from 29-31 October 2020;
- the EUMACS 2021 will take place in Lisbon on the premises of the Portuguese Military Academy. New information will be available during the 47<sup>th</sup> IG Meeting.

#### d) LoD7. Financing the Initiative

The LoD13 chairperson informed the LoD13 members that the LoD7 session is organized on 10<sup>th</sup> June 2020 together with LoD9 session. More information about LoD7&9 progresses will be available after this meeting.

#### e) LoD 8. Common modules

The LoD13 chairperson informed the LoD13 members about the following activities proposed by Lt.col. Spinello Enrico:

##### ➤ **ERASMUS+ Virtual Exchange**

*A new European Commission project (2018-2020 pilot programme) aims to expand the reach and scope of the Erasmus+ programme through virtual exchanges. A 'virtual exchange' is defined as a technology-enabled, facilitated, people-to-people education programme sustained over a given period. The project is aimed at young people (18-30), and the virtual exchange format distinguishes itself from other forms of online learning in several ways:*

- *people-to-people interaction and dialogue;*
- *participants experiencing how to communicate and collaborate with their peers;*
- *soft skills (intercultural awareness, media and digital literacy, teamwork, etc.) are included in the learning goals or outcomes;*
- *learner-led concept*

*Training materials for teachers and staff and other information are available on the portal: [www.europa.eu/youth/erasmusvirtual](http://www.europa.eu/youth/erasmusvirtual).*

##### ➤ **EDUROAM**

*- Eduroam (<https://www.eduroam.org/>) is an association that provides Wi-Fi access and other services to universities and research centres in the EU and worldwide.*

*- At national level, every EU MS has created a consortium to which all universities can be affiliated as members, meaning that students, teachers and staff can access free Wi-Fi provided locally by other partners when they are abroad.*

*- If an academy wish to apply to become a new member, is encouraged to contact the national consortium (if there is one). The University of Turin is part of this consortium.*

##### ➤ **Virtual Mobility**

*The University of Turin, in cooperation with the IT Army Education and Training Command and School of Applied Military Studies, has opened up a project to all partner universities of the Emilyo programme (BOEIs) during COVID-19 crisis. It provides free online university courses, all of which are part of the university's graduate and undergraduate programmes and have been designed to encourage internationalisation processes. Courses can be freely accessed by anyone, using any type of device. Courses are self-paced. For those who intend to acquire ECTS credits, the final exam can be taken using a distance e-learning functionality. The programme dedicated to the field of security and defence is as follows:*

- *History of European Integration, 6 ECTS*
- *International Law, 6 ECTS*
- *Military Sociology and Leadership, 6 or 9 ECTS*
- *Mathematical Modelling, 6 ECTS*

*The representative of the Military University of Technology of Warsaw explained to the LoD13 members that his academy signed a bilateral agreement with University of Turin regarding this course that allow 10 students from the academy to attend this activity.*

##### ➤ **Upcoming offers**

*Some upcoming offers were uploaded on EMILYO webpage by AT and IT. The residential phase will only take place if the COVID-19 situation allows. A decision will be made before the deadline for registration*

**f) LoD 9. Future projects**

The LoD13 chairperson informed the LoD13 members that the current LoD9 chair, Lt.col. Bielewicz Marcin, PhD, from Military University of Land Forces, Wrocław (MULF) had to leave the IG. The IG chair informed the LoD13 group about a new nomination received from MULF for the position of LoD9 chairperson: **Prof. Marta Wincewicz-Bosy**.

The LoD13 members agreed with that nomination.

**g) LoD10. Gender Mainstreaming**

The LoD13 chairperson informed the LoD13 members that the LoD10 session is organized on 11<sup>th</sup> June 2020. More information about LoD10 progress will be available after this meeting.

**h) LoD11. Naval International Semester**

The LoD13 chairperson informed the LoD13 members that the current LoD11 chair, LtCdr Daniele D'ALESSANDRO, from Italian Naval Academy had to leave the IG. The Italian Naval Academy supports the candidacy of **LtCdr Samuele MONDINO**. The LoD13 members agreed with that nomination. The LoD11 session is organized on 11<sup>th</sup> June 2020. More information about LoD11 progress will be available after this meeting.

**i) LoD12. Air Force International Semester**

The LoD13 chairperson informed the LoD13 members that the LoD12 session is organized on 09<sup>th</sup> June 2020. A consortium of academies applied for an Erasmus+ KA2 project for financing the organization of the Air Force International Semester. More information about LoD12 progress will be available after this meeting.

**j) New LoD14 Research and Development**

The Hellenic Air Force Academy nominated Associated Professor Ioannis TEMPLALEXIS as the chair of the R&D LoD. The LoD13 members agreed with that nomination. A discussion took place regarding the foundation of the Research and Development LoD. Assoc. Professor Templelexis mentioned that a presentation describing this new initiative is already uploaded since the last IG. He also said that within the following days, a form will be circulated around the IG member in order to register the status of each academy regarding research activities. This will serve as the starting point for the first LoD meeting which will take place during the next IG meeting.

**k) New LoD15 International Medical Semester**

The LoD13 informed the group that the Hellenic Military Academy of Combat Support Officers (HMACSO) expressed its intention to lead the International Medical Semester LoD, and will therefore nominate a chair in due course, in order to be able to launch the new LoD at the September IG meeting.

#### **4. Updates on the next EMILYO activities**

The LoD13 chairperson presented information about the next EMILYO activities discussed during the initial meeting minute of the 46<sup>th</sup> IG Meeting held on 02<sup>th</sup> of June 2020 by VTC.

**a) CSDP Olympiad**

In response to the preventive measures taken worldwide to intercept the spread of COVID-19, the IG, in close cooperation with Croatian Defence Academy (CDA), decided to postpone this event to early spring 2021 (8-12 March). Details are available at [http://www.emilyo.eu/olympiad\\_csdp](http://www.emilyo.eu/olympiad_csdp). The IG will not accept new participants, but those already accepted may participate, even if they have already graduated. The new edition will be organized in 2022, organized by French academies or by Czech Republic academy; a decision will be taken during the next IG meeting.

**b) The 47<sup>th</sup> IG Meeting**

The 47<sup>th</sup> IG meeting will take place in Brussels from 1-2 September 2020. On Monday 31 August, from 16.00 to 18.00, there will be a workshop for new IG members. All of the necessary administrative details and documents are available at <http://www.emilyo.eu/node/878>. Decision on whether the IG meeting will be conducted face-to-face or as a VTC will be made by the end of June at the latest.

**c) EUMACS 2020**

Helmut Schmidt University of the Bundeswehr in Hamburg confirmed that the EUMACS 2020 will be held in the face-to-face format in Hamburg from 29-31 October 2020. Letters of invitation for the rectors/commandants will be available soon.

**d) The iMAF 2020 and the 48<sup>th</sup> IG Meeting**

The event was postponed due to the confinement measures put in place to prevent the spread of COVID-19. The event has been rescheduled to take place on the premises of the "Nicolae Balcescu" Land Forces Academy in Sibiu, Romania, back-to-back with the 48<sup>th</sup> IG Meeting. New period: 30 November-4 December 2020. More information will be available during the next IG Meeting.

**e) GAREA Statistics**

All the academies, members of the EMILYO Implementation Group have to fill the GAREA forms available on the EMILYO website, concerning the statistics of the students/cadets mobilities ([Country Institution](#)

[Incoming Students Statistics Study Year 2019 2020](#)) or concerning the statistics of the staff mobilities ([Country Institution Incoming Students Statistics Study Year 2019 2020](#)). The deadline is 15<sup>th</sup> of July 2020.

## **5. Progress of the International Technical Semester Project**

- A consortium of academies (Military Technical Academy "Ferdinand I" , Bucharest, Romania (applicant organization), Military University of Technology, Warsaw, Poland, the Faculty of Artillery, Air Defence and Communication and Information System from Shumen of "Vasil Levski" National Military University Bulgaria, Hellenic Air Force Academy, Dekelia, Attica, Greece and Air Force Academy Salon de Provence, France) applied for an Erasmus+ KA2 project for financing the organization of the *European Common Technical Semester for Defence and Security* (EuCTS\_DS).
- The objectives of the EuCTS\_DS project are the development, testing and designing of a new modular curriculum for an international technical semester for defence and security, at bachelor level, common at European Union, and also the development of a network of teachers with competences in the field of technical systems for defence and security.
- The main structure of the *European Common Technical Semester for Defence and Security* would include the following modules: basic engineering; military science; electronic engineering & computer science; mechanical and aerospace engineering; interdisciplinary scientific project.
- The EuCTS\_DS project will consist in 6 intellectual outputs (one/each partner institution, two/leader organization), 5 learning/teaching activities for testing the international technical semester components (one activity/each partner institution), 5 transnational meetings (one/each partner institution) and 2 multiplier events.
- The main activities of the project are organized in 9 work packages: *WP1 Project management and implementation* (planning, implementation, evaluation and dissemination activities, under the coordination of MTA Bucharest, based on a general work plan and action plans agreed during meetings and phone/video conferences or e-mail communication); *WP2 - Professional Network in the Field of Technical Systems for Defence and Security* (developed professional networks of teachers and researchers for basic engineering, military science for engineers, mechanical and aerospace engineering, electronic and computer science engineering, resulting finally a pool of lecturer); *WP3 - International Technical Semester Curriculum Development* (curriculum with common subjects at EU in the field of technical systems for defence and security); *WP4 - International Technical Semester Subjects Description* (detailed description for each subject included in the curriculum); *WP5 - Preparation of Education Materials* (course support and applications prepared to be used during the learning/teaching activities in the frame of the international semester); *WP6 - Interdisciplinary Scientific Project Preparation* (teaching activity included in the international semester using the project based learning methodology, assuring the competencies in different engineering branches); *WP7 - E-learning Platform* (modern tool used to share learning materials and to support the teaching/learning activities in the international semester); *WP8 - Teaching/Learning Activities for Testing the International Technical Semester* (Intensive Study Programmes organized in order to test the curriculum, subject description, learning materials and e-learning platform prepared for the international semester); *WP9 - Impact and Dissemination* (dissemination activities organized to share the project results, including two multiplier events).
- The EuCTS\_DS application form for Erasmus+ KA2 project was submitted by Military Technical Academy "Ferdinand I" at Romanian Erasmus+ National Agency in order to be evaluated. At Romanian Erasmus+ National Agency level there are 48 application forms submitted, and there are financial funds for about 14 projects. The estimated date for the evaluation results is august 2020.
- In the case of EuCTS\_DS acceptance, the project will start in December 2020 and will end in November 2022. Before the beginning of the project, the consortium representatives will work on the *Design and Development of the EuCTS\_DS Curriculum*.
- In the case of EuCTS\_DS rejection, the LoD13 members will improve the application form taking in consideration also the evaluators recommendations and will apply again in March 2021.

## **6. Technologies in Cybersecurity Module**

- The representatives of Military University of Technologies presented the progress concerning the new common module proposal "*Technologies in Cybersecurity*".
- The module description was presented to the LoD13 members in order to have feed-back.
- The module will provide specific knowledge for a student of computer science profiling in cyber war and its technical concepts and modelling strategies, software engineering elements required for cybersecurity, reverse engineering techniques, tools for technical forensics and basic elements of cryptology.
- The goals of the module: to discover and understand basic principles of functioning, structure and trouble spots of the cyber security; to be aware of specification and classification of cybersecurity threats, including technologies used in; to deepen knowledge of the practical application of particular technologies in cybersecurity and of the decision making process on selection of appropriate measures of treatment selected cyber threats; to learn about theoretical aspects of cybersecurity technologies, how to use possibilities of IT within the cyber protection systems and forecast future development and trends in cybersecurity.

- The main topics of the module will consist in: theory of cyberwar and infowar; cyberattacks and digital threats; cybersecurity aspects of mobile technologies; artificial intelligence applications; technical cyber forensic; penetration testing; software reverse engineering; introduction to cryptology; methods and tools for decision support; computer simulation tools and methods.
- The evaluation of the students will consist in *Observation* (throughout the Module students will meet with the cybersecurity technologies applications and they will discuss the given topics in the plenary and present teamwork results. During these work students will be evaluated to verify their competences) *Project* (A group project will focus on the basic description of a selected cyber threat. Students will have to select the specific set and describe the general characterization of it, as well as possibilities of application some measures to detect, contain and counteract against given threat. Students will point out main problems related to selected threat. Students can use basic methods of scientific work for realize the task) and a *final test* (written examination at the end of the module).
- The academies members of the IG will express their interest in participating at the “*Technologies in Cybersecurity*” module organization in order to improve the description module. The first module edition will be organized at Military University of Technology Warsaw in 2021.

## 7. Reports on Exchanges Conducted Since the Last Meeting and New Possibilities for Exchanges

### a) Military University of Technology, Warsaw, Poland

- Military University of Technology Warsaw, Poland signed an agreement with University of Turin that allow the MUT cadets to attend the **Virtual Mobility courses** organized by the University of Turin in cooperation with the IT Army Education and Training Command and School of Applied Military Studies;
- **Common Module Advanced Technologies in Borders Surveillance** was postponed for the fall of 2020 due to the COVID-19 outbreak at the Poland and EU level. Decision on whether the module will be organized will be made by the next IG Meeting.
- **Military Multinational Sports and Shooting Games 2020** edition was cancelled due to the COVID-19 outbreak at the Poland and EU level.
- The representatives of the Military University of Technology informed the LoD13 members about an interested activity for LoD13 and LoD14 community, named **European defence industrial development programme: Information day (22 June 2020)**, **Information can be found by consulting the following link: [https://ec.europa.eu/growth/content/european-defence-industrial-development-programme-information-day-0\\_en](https://ec.europa.eu/growth/content/european-defence-industrial-development-programme-information-day-0_en).**

### b) Hellenic Air Force Academy, Dekelia, Attica, Greece

- The 2020 edition of the **Common Module Common Security and Defence Policy** proposed by the Hellenic Air Force Academy was cancelled due to the COVID-19 outbreak at the Greece and EU level. Information about the new edition of this event will be available during the next IG Meeting.

### c) French Air Force Academy, Salon-de-Provence, France

- The 2020 edition of the **Common Module Common Security and Defence Policy** proposed by the French Air Force Academy was postponed to the spring of 2021 due to the COVID-19 outbreak at the France and EU level. New information will be available during the next IG Meeting.

### d) Military Technical Academy “Ferdinand I” Bucharest, Romania

- The **International Technical Semester Defence and Security** proposed by Military Technical Academy “Ferdinand I” to be organized in the spring of the 2020 was cancelled due to the COVID-19 outbreak at the Romania and EU level. Next edition will be organized in the spring of 2021.
- The **Students’ International Conference “CERC” 2020** proposed by Military Technical Academy “Ferdinand I” to be organized in the spring of the 2020 was postponed to the fall of 2020, due to the COVID-19 outbreak at the Romania and EU level. The 2020 edition of “CERC” will be organized in the period 04-07 November using VTC tools.
- The LoD-13 chairperson informed the LoD-13 members about the possibility to be launched a **supplementary Erasmus+ KA2 call in august-september 2020** dedicated to the **digitalization of higher education and scientific research**. Military Technical Academy “Ferdinand I” is opened to take part in a consortium of the academies in a project proposed for this call.

### e) Bulgarian Air Force Academy, Dolna Mitropolia, Bulgaria

- The representatives of the Bulgarian Air Force Academy, Dolna Mitropolia, Bulgaria express the intention to continue the collaboration of the former Bulgarian Aviation Faculty within the LoD13 and to take part in the activities proposed in the technical field. Their proposal concerning the conferences and other activities organized by the Bulgarian academy will be uploaded on the EMILYO website.

### f) “Mircea cel Batrân” Naval Academy, Constanța, Romania

- The representative of the “Mircea cel Batrân” Naval Academy, Constanța, Romania express the intention to collaborate with the LoD13 members and to take part in the activities proposed in the technical field. Their proposal concerning the conferences and other activities organized by the Romanian Naval Academy will be uploaded on the EMILYO website.

## **8. Work plan**

- The representatives of the EuCTS\_DS consortium will work on the *Design and Development of the EuCTS\_DS Curriculum*. The draft of the papers produced will be discussed during the next IG Meeting
- In July-August 2020, when the Romanian Erasmus+ National Agency will publish the Erasmus+KA2 project results for the April 2020 call, the EuCTS\_DS representatives will have a VTC meeting;
- The next LoD-13 meeting would take place in September 2020 during the 47<sup>th</sup> IG Meeting.

### **Contact:**

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