

# INTERNATIONAL NAVAL SEMESTER

## 61st IG Meeting, Bucharest, Romania

### LoD 11 – participant BOEI

- 12 participants
- 7 partners institutions

- Romanian Naval Academy, **Romania (2)**;
- Polish Naval Academy, **Poland (2)**;
- “Nikola Vaptsarov” Naval Academy, **Bulgaria (2)**;
- Italian Naval Academy, **Italy (2)**;
- Hellenic Naval Academy, **Greece (2)**;
- Spanish Naval Academy, **Spain (1)**;
- National Defence Academy of Latvia, **Latvia (1)**.



**Colonel Catalin POPA**  
Associate Professor, PhD  
**Chairperson LoD 11**

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## LoD 11 – discussions/topics/debates

➤ The INS project presentation – activities and tasks settings;

➤ The partners presented the upcoming modules for 2024;

➤ The projects results under implementation were disseminated;

➤ The joint Navy online platform had been updated ([marplat.eu](http://marplat.eu));

➤ The implementation of NAVY-INS-Tech project has been monitored based on the progress report – partners conducted discussions on further activities/tasks.





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## LoD 11 – INS joint project has been approved: NAVY-INS-Tech

**PROJECT TITLE:** *"International Naval Semester Development Applying the Intelligent Technologies and the Innovative Tools in the European Navy Defence System"*

<https://www.anmb.ro/navy-ins-tech>

<https://marplat.eu/course/view.php?id=62>

**Coordinator:** Romanian Naval Academy,

**Partners:** Polish Naval Academy,

**Bulgarian Naval Academy, Italian Naval Academy**

**Potential Beneficiaries:** BOEIs, all services



- Approved budget: 250.000 Euro

- Period of implementation: 1st of November 2023 – 1st of September 2025

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## LoD 11 – Joint projects approved for INS

### Major foreseen results:

- **1 joint harmonized curriculum**;
- **8 STEM courses** learning and teaching materials, using modern and intelligent technologies;
- **4 HASS courses** learning and teaching materials, centered on EU culture and values;
- **1 e-campus will be implemented** ([www.marplat.eu](http://www.marplat.eu)) by all interested BOEI;
- **8 short term students exchanges to be organized**: 4 STEM modules x 16 students = 64 students and 4 HASS modules x 8 students = 16 students, total of **80 students exchanged**;
- **3 public events** organized in each partner country, with at least 30



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## LoD 11 – INS strategic project : NAVY-INS-Tech

### Upcoming events:

- **TM1 – Kick off meeting** – RNA, Constanta, Romania, February 2024 – 3 days, 2 pax/partner, **14th – 15th of February 2024**;
- **E1 Public event:** "SQF-MILOF standards and STEM curriculum priorities in Navy Military Higher Education" – organized by RNA, in Romania – 1 day, 30 participants, **17th of May 2024**;



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## LoD 11 – INS strategic project : NAVY-INS-Tech

### COURSES TO BE ORGANIZED IN THE UPCOMING SEMESTER

- **C1S. STEM harmonized curriculum for digital skills and IT technology abilities** – organized by PNA, in Poland  
- 2 modules to be delivered as BIP: "Computer Networks" (2 ECTS) and "Maritime Cyber Threats", online theory, residentially skills (labs, seminars) - 16 students to be instructed (4 students/partner) – 5 days, **15.04-19.04.2024**;
- **C2S. STEM harmonized curriculum for competencies in Hi Tech, Electronics and Telecommunications** – organized by NVNA, in Bulgaria - 2 modules to be delivered as BIP: "Naval Electronics" (3 ECTS) and "Naval Communications" (3ECTS)- online theory, residentially skills (labs, seminars) - 16 students to be instructed (4 students/partner) – 5 days, **24.06-28.06.2024**;
- **C3S. STEM competencies in Navy Engineering and Intelligent Weapon Systems** – organized by INA, in Italy - 2 modules to be delivered as BIP: "Power Plants" (3 ECTS) and "Naval Sensors"(3 ECTS) - online theory, residentially skills (labs, seminars) - 16 students to be instructed (4 students/partner) – 5 days, **07.10-11.10.2024**;
- **C4S. STEM competencies in Naval Sciences** – organized by RNA, in Romania - 2 modules to be delivered as BIP: "Oceanography" (2 ECTS) and "Naval Architecture" (3 ECTS) - online theory, residentially skills (labs, seminars) - 16 students to be instructed (4 students/partner) – 5 days, **11.11-15.11.2024**.



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## Training modules/events offer for spring semester 2024:

- "Ship handling and Safety of Navigation" – NVNA (13th-17th of May);
- "Navy Tactics Warfare on Simulator" – RNA (Romania, 22-26th of April 2024) - *Blended Intensive Program*;
- "Maritime Security" common module – HNA (Piraeus, 1st-5th of April 2024);
- "International Training Week" – SNA (Spain, 4th-9th March 2024);
- "Seamanship Training Week" – RNA (Romania, 24th-28th of June 2024);
- "Seamanship Training Week" – NVNA (Varna, June-July 2024);
- "Training at sea" – RNA (Romania, July-September 2024);
- Integrated Ship handling/Engine room training on simulator" – RNA (Romania, October 2024) - *Blended Intensive Program*.



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## LoD 11 – Future projects for INS to be applied on 2024

**LoD 11 – Joint project has been prepared to be submitted (proposal under RNA guidance) by 5 of March 2024:**

**- KA226 – "European Navy Training Network for Improving the C-VET Curriculum toward a joint European Security and Defence Culture valuing the Work-based Learning Tools and Smart Training Technologies" – "NAVY-Train"- (March 2024) –**  
the project application has been drafted in its major outlines (WP, activities, LLT, events, budget).

**Major foreseen results:** *the curriculum for Navy training programs to be harmonized, 8 training modules to be harmonized, 6 programs to be jointly conducted.*



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## LoD 11 – Joint projects under implementation



**MARS-NET - Maritime Simulators and Training Facilities Network for Enhancing the Exchange of Good Practices and Digital Learning**  
**PARTNERS :** Romanian Naval Academy (coordinator) – Bulgarian Naval Academy & Polish Naval Academy - partners (2022-2024, 240.000 Euro) – results up-to-date:

- **10 course curriculum have been harmonized:** Ship Handling and Manoeuvring, Cargo handling, Navigational Watchkeeping, Engine Room Watchkeeping, Radar Navigation, Maritime Search and Rescue, Coastal Navigation, Naval Machines and Equipment, Naval Communications, Celestial Navigation;
- **5 courses using the simulators digitalized, covered with video tutorials:** Ship Handling and Manoeuvring, Navigational Watchkeeping, Radar Navigation, Engine Room Watchkeeping, Cargo handling (5 BIMs-blended intensive modules will be organized in the fall semester on the project portal [www.marplat.eu](http://www.marplat.eu) = 5 BIMs x 50 students **250 students to be instructed**);
- **3 courses for teachers using the simulating facilities had been conducted** – 45 teachers had been instructed;
- **2 courses (short modules) for students had been conducted** – 30 students had been instructed.

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## SEA MENTORS – SEAfarrers Experiential Knowledge Based MENTORS

**PARTNERS** : Romanian Naval Academy (coordinator) – Bulgarian Naval Academy & Polish Naval Academy - partners (2022-2024, 200.000 Euro) – results up-to-date:

- **online joint platform for students counselling and mentoring** for smoothing the Naval carrier path ([www.seamentors.eu](http://www.seamentors.eu)) containing: a joint carrier counselling center, a sharing point of cadetship experiences, mentors interviews, mentorship materials – the partners are recording now the video testimonial to be uploaded in the project "library of experiences";
- **research/survey is conducted to disclose the role of mentoring programs for Navy graduates**: a complex survey has been applied to the cadets, professionals and potential mentors;
- **increase the awareness of seafaring cadets regarding the onboard experiences o military/civilian ships** – 8 online and 4 residential meetings with professional mentors will be organized by the partners in the fall semester;
- **In the project conclusion the partners will build a bridge between the cadets and the mentors to smooth the cadets' insertion onboard military and civilian ships** – build a mentoring network identifying the potential mentors in different areas.



# QUESTIONS?



# Thank you!