



“Mircea cel Bătrân” Naval Academy



MBNA – ROMANIAN NAVAL ACADEMY





HISTORIC MILESTONES



1872 - The establishment of Flotilla School, by the Decision of the War Minister, no. 15 from the 17th of November, with the headquarters located in Galati;



1920 - The reorganization into a complex higher education institution, named the Naval School;



1956 - Integration within the Romanian polytechnical education system;



1974 - The school receives the symbolic name of “Mircea cel Batran”;



1990 - Following the December 1989 revolution, the Marine Institute has been transformed into the “Mircea cel Batran” Naval Academy, awarded with a status of a higher education military institution.



ACCREDITATION



ACADEMIA NAVALA "MIRCEA CEL BATRAN"
1, Fulgerului street, 900218 Constanta, Romania

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below:

ISO 9001:2015

Scope of certification

EDUCATION AND LIFE-LONG LEARNING PROGRAMMES.

EDUCAȚIE ȘI FORMARE CONTINUA.

Original cycle start date: 11 February 2009
Expiry date of previous cycle: 10 February 2017
Recertification Audit date: 13 December 2016
Recertification cycle start date: 11 February 2017
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 10 February 2020

Certificate No. R02016.198.079Q Version: 1. Revision date: 20 December 2016

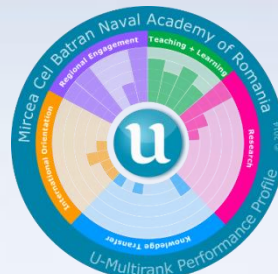
Signed on behalf of BVCH SAS UK Branch



Certification body address: 2nd Floor, 98 Percival Street, London E1 8EG, United Kingdom
Local office: "Central Tower" 42 Tutundorilor street, 1st floor, 03002 Bucharest, Romania

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization.

ISO 9001 : 2015



HIGH LEVEL OF TRUST



EVALUATED BY

IEP

EUA-Institutional Evaluation Programme
www.eua.be/iep



HIGH LEVEL OF TRUST

The "Mircea cel Bătrân" Naval Academy has been evaluated in November 2015 by the ROMANIAN ASSURANCE AGENCY FOR THE QUALITY OF THE ROMANIAN HIGHER EDUCATION being awarded with the "HIGH LEVEL OF TRUST" rank.



MINISTERUL
EDUCAȚIEI
NAȚIONALE ȘI
CERCETĂRII
ȘTIINȚIFICE

"B" CATEGORY UNIVERSITY awarded as "Research and Education" HEI, according to the MECTS Decree no. 5262/05.09.2011 regarding the results in universities classifications.

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KEY FACTS & FIGURES



2300 STUDENTS

340
NAVY
CADETS

1250
MERCHANT
MARINE

BACHELOR DEGREE

410
MASTER
DEGREE

320
COURSES

POSTGRADUTE DEGREE

71 TEACHING STAFF CORE AND RESEARCHERS

2 FACULTIES STRUCTURED IN 5 DEPARTMENTS

2 RESEARCH CENTERS

Life Long Learning Center – RoNoMar follow-up, 24 LL courses

REGIONAL CENTRE FOR FOREIGN LANGUAGES

ACADEMIC LIBRARY – OVER 100.000 TITLES

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ORGANIZATIONAL CHART



Senate

Executive Board

COMMANDANT (RECTOR)

Deputy
(Vice-rector) for
Education

Deputy
(Vice-rector) for
Scientific
Research

Deputy
(Vice-rector) for
International
Programs

Deputy
(Vice-rector) for
Training Programs

Deputy for Staff

Deputy for
Logistics

**Marine Engineering
Faculty**

- Department of Marine Engineering and Naval Weapons
- Department of Marine Electric and Electronic Engineering
- Department for military training and tactics
- Scientific Research Center

**Navigation and Naval
Management Faculty**

- Department of Navigation and Naval Transport
- Department of Naval and Port Engineering and Management
- Scientific Research Center

**Life Long Learning
Center**

- Main Center for Foreign Languages Constanta
- Center for Foreign Languages Mangalia
- Center for foreign languages Brăila
- Learning and Resources Center
- IMO Courses

**Academic Facilities and
Students Services**

- Seamanship and Nautical Sports Center
- Training Ship Squadron – Mircea Tall Ship
- Damage Control Training Center
- Simulators
- Welfare
- Medical, Religious & other Services

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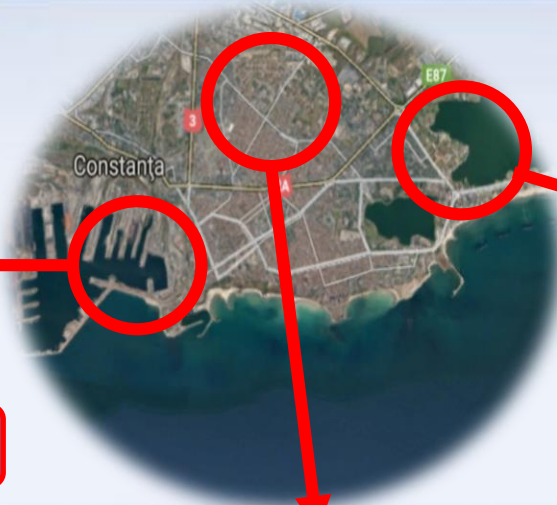
2020



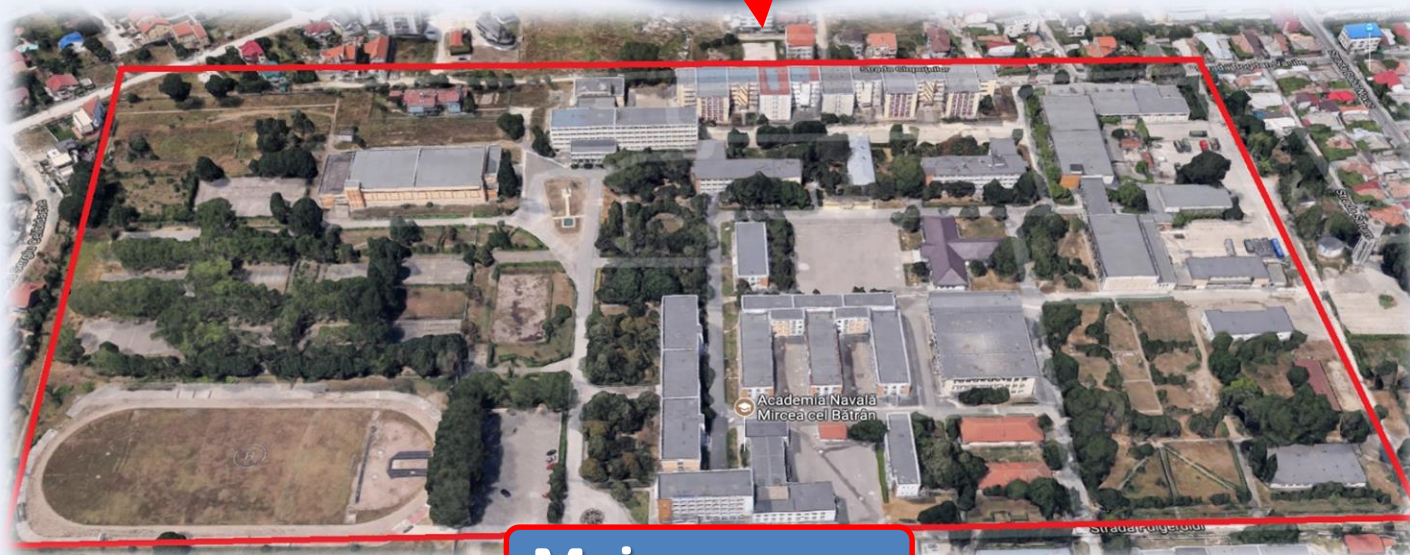
MBNA STRUCTURES AND LOCATIONS



Training Ship "Mircea"



Nautical Sports Center



Main campus

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EDUCATION FACILITIES & RESEARCH INFRASTRUCTURE



Educational spaces and facilities:

- 2 auditoriums;
- 6 amphitheatres;
- 2 halls for common teaching;
- 76 classrooms, seminar and study rooms



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EDUCATION FACILITIES & RESEARCH INFRASTRUCTURE



TRANSAS Integrated Simulator NTPRO 5000 & ERS 5000



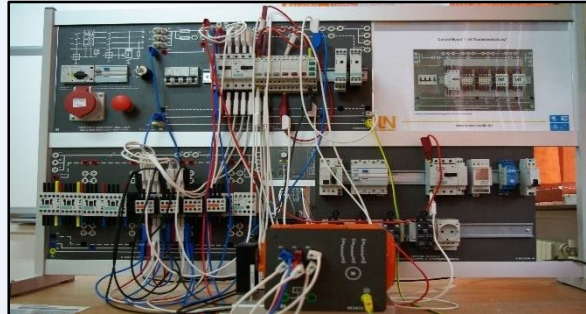
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EDUCATION FACILITIES & RESEARCH INFRASTRUCTURE



61 Simulators, laboratories and cabinets with modern updated equipments (**Proteus ASTT Tactical Simulator, Cargo Handling & Mechanical Engineering simulators, Bridge and Engine integrated simulators**)



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EDUCATION FACILITIES & RESEARCH INFRASTRUCTURE



✓ **Damage Control Training Center**
(firefighting, waterflood simulation);



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EDUCATION FACILITIES & RESEARCH INFRASTRUCTURE



- ✓ Modern **sports facilities** (including: athletics stadium, 5 multifunctional indoor facilities, 18 outdoor sports fields, 4 firing ranges, etc.)



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EDUCATION FACILITIES & RESEARCH INFRASTRUCTURE



✓ Olympic size **swimming pool**



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EDUCATION FACILITIES & RESEARCH INFRASTRUCTURE



SEAMANSHIP TRAINING BASE (seamanship training on rowing boats, motor boats, sailing boats)



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TRAINING SHIP – "MIRCEA" TALL SHIP



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INTERNATIONAL R&D PROJECTS

RoNoMar – Romanian Norwegian Maritime Programme

1.6 mil. Euro

Res-Op-Dev- Bulgarian/Romanian cooperation for green energy development

250.000 Euro

MARINE– Maritime Network of Education in Black Sea Basin

350.000 Euro

DECOMAR – Development of Common Curricula Modules for Merchant Marine Officers

150.000 Euro

MENTORESS – Maritime Education Network to Orient and Retain Women for Efficient Seagoing Services - 2018

139.000 Euro

OPEN WINDOWS TO THE SKY – Astronomy for young generation (Ro-Bg) - 2018

141.000 Euro

EU Funded Projects – National Agency and European Commission

Assistance during the labor market insertion for future marine officers - European Social Fund

220.000 Euro





SCIENTIFIC RESEARCH - INFRASTRUCTURE

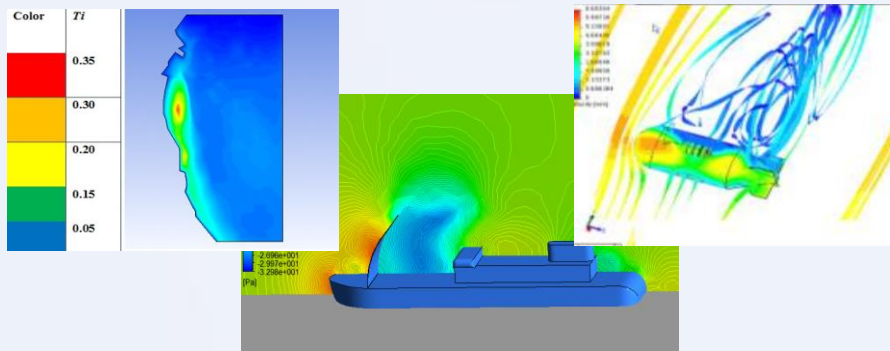


Research facilities:

-17 laboratories, simulating equipment and facilities.

Software:

- the MBNA researchers, students and academics, have access to **32 specialized software packages** for research and education.



Scientific Events:

- **CADET-NAV** – yearly students' conference;
- **MASTER-NAV** – yearly masters' conference;
- **SEACONF** – yearly international conference;

Publications:

- MBNA Scientific Bulletin (indexed in 8 international data basis).





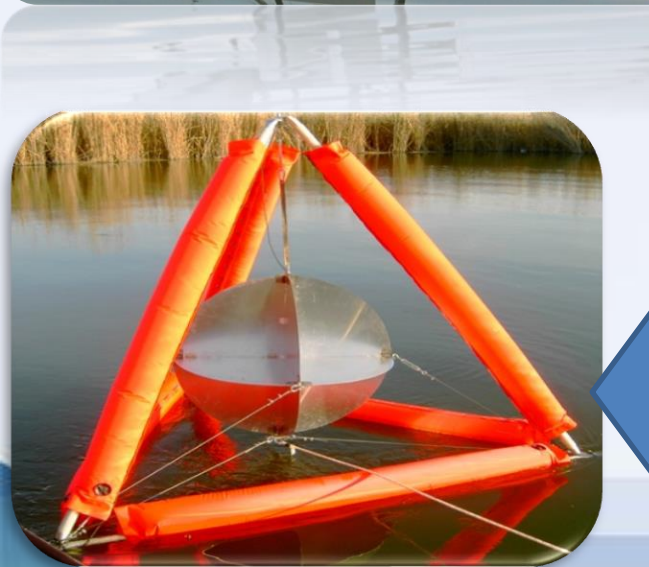
SCIENTIFIC RESEARCH - RESULTS



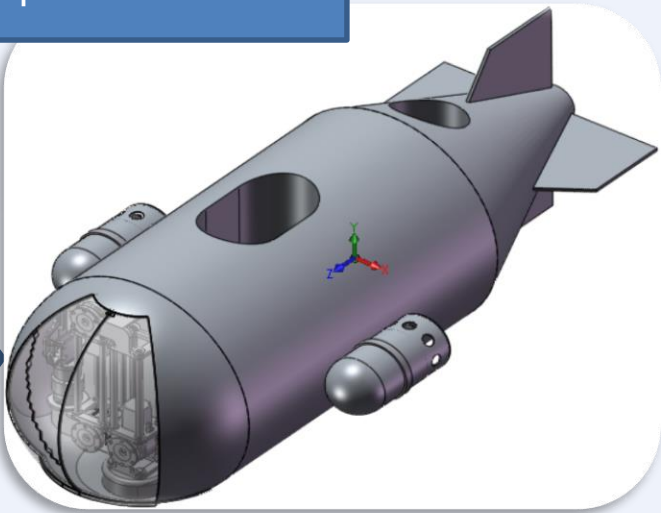
- Research projects on national competitions: 8 projects (2017-2018);
- Research projects under Ministry of Defense Research and Development Plan – 8 projects (2018-2020);



Functional model of autonomous utilitarian naval platforms



Submerged remote controlled vehicle designed for research in maritime and River area.



Inflatable naval target designed for naval artillery exercises

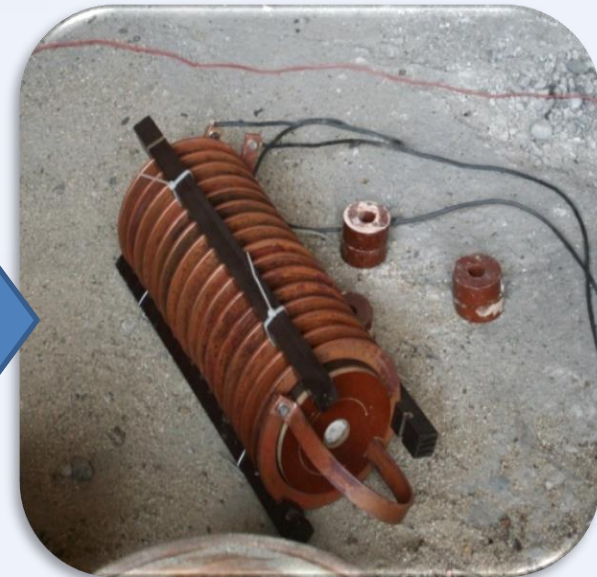


SCIENTIFIC RESEARCH - RESULTS



Naval and road system for rapid reaction in natural disasters. Ensuring people, livestock and property evacuation during natural disasters

Unconventional warfare component meant to interfere with C4I systems by generating strong electromagnetic pulses .



Technological platform for remote cable operated utility and recreational minirobots, with low visibility operational capability

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MAIN EXTERNAL PARTNERS





MAIN EXTERNAL PARTNERS AND AFFILIATIONS

1. "Nikola Y. Vaptsarov" Naval Academy, Varna, **BULGARIA**
2. Angel Kanchev University of Ruse, **BULGARIA**
3. Polish Naval Academy, Gdynia, **POLAND**
4. Turkish Naval Academy, Istanbul, **TURKEY**
5. "Piri Reis" University, Istanbul, **TURKEY**
6. Escuela Naval Militar de Oficiales, Pontevedra, **SPAIN**
7. University of Cartagena, **SPAIN**
8. French Naval Academy, **FRANCE**
9. French Maritime Academy, **FRANCE**
10. Hellenic Naval Academy, **GREECE**
11. Italian Naval Academy, Livorno, **ITALY**
12. Accademia Aeronautica, Pozzuoli, **ITALY**
13. Aalesund University College (NTNU), Alesund, **NORWAY**
14. Catholic Portuguese University, **PORTUGAL**
15. Delft University of Technology, the **NETHERLANDS**
16. European Security and Defence College, Bruxelles, **BELGIUM**
17. California Maritime Academy, **USA**
18. US Naval Academy, **USA**
19. Liepaja Maritime College, **LATVIA**
20. University of Ljubljana, **SLOVENIA**
21. University of Split, **CROATIA**
22. Lithuanian Maritime Academy, **LITHUANIA**
23. University of Montenegro, **MONTENEGRO**
24. Naval University of Engineering, Wuhan, **CHINA**

MEMBERSHIPS

IAMU - International Association of Maritime Universities;



NASC - Naval Academies Superintendents Conference;



BSUN - Black Sea University Network;

EUA – European University Association





INTERNATIONAL COOPERATION



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"Mircea cel Bătrân" Naval Academy, Main international activities



Common exchange programs for seamanship training stages



Romanian Naval Academy organizes regular Seamanship training programs, consisting in summer training program, where international students are invited based on bilateral cooperation programmes (e.g. Bulgaria, Poland, Ukraine, Greece).





"Mircea cel Bătrân" Naval Academy, Main international activities

Training stages onboard Mircea Tall Ship

Romanian Naval Academy invites international cadets to join Sailing training programs. Alongside the time students from many countries have joined the Mircea TS summer voyages (Bulgaria, Poland, Ukraine, France, Portugal, UK, Germany, Turkey, China, Greece, Albania). In 2017 and 2018 the training voyages were organized in joint with German Naval Academy.





"Mircea cel Bătrân" Naval Academy, Main international activities Tactical exercises for Navy cadets



Romanian Naval Academy has developed common tactical exercises for international cadets, invited from partner countries (Bulgaria, Greece, Turkey, Ukraine, Poland)





"Mircea cel Bătrân" Naval Academy, Main international activities



Scientific activities and other events/networks

Cadet-Nav – MBNA – annual scientific conference for students (on April)

SeaConf International Conference – annual international scientific conference

Other scientific/training initiatives:

European Security and Defence College – course of **MARITIME SECURITY**

Cooperation under **European Naval Academies' Superintendents Forum**
last Conference had been hold in Constanta, last pre-conference in Varna

Cooperation under IAMU – **International Association of Maritime University**





BILATERAL COOPERATION – INCOMING 2018-2020



ACTIVITY	ITA	POL	BG	GRE	UKR	UK	FRA	TUR	CHI	GER	SUA	BSRF	NASC	VISITS OF ATTACHE S
Training modules (seamanship, military training, simulating exercises, CULP)	-	6	9	2	-	-	-	-	-	-	11	-	-	-
Training modules in ANMB (BSRF)	-	-	-	-	-	-	-	-	-	-	5	-	-	-
Conferences	-	-	-	-	-	-	-	-	-	-	-	-	48	19
Training onboard TS Mircea	-	2	2	-	2	2	-	2	2	124	-	-	-	-
Official visits / Crew of visiting ships	49	3	8	-	45	-	5	5	-	19	5	6	-	-
TOTAL	49	11	19	2	47	2	5	7	2	143	21	6	48	19



TOTAL	
MISSIONS	17
STUDENTS	220
OFFICERS/TEACHERS	161



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BILATERAL COOPERATION – OUTGOING 2018-2020



MISSION	POL	BG	GRE	ITA	MKD	TUR	SPA	SUA	GER	LIT	FRA	NATO EXERCISES
Nautical competitions	-	-	-	4	-	7	3	-	-	-	-	-
Training modules (defense & security, leadership, meteorology, military training, simulating exercises)	4	10	2	4	2	-	-	-	-	-	-	-
Scientific events	-	4	-	-	-	-	-	1	-	-	-	-
Onboard training	-	-	2	-	-	2	-	-	-	-	-	18
Official visits	-	4	-	-	-	-	2	-	2	2	4	-
TOTAL	4	18	4	8	2	9	5	1	2	2	4	18



TOTAL	
MISSIONS	23
STUDENTS	56
OFFICERS/TEACHERS	21

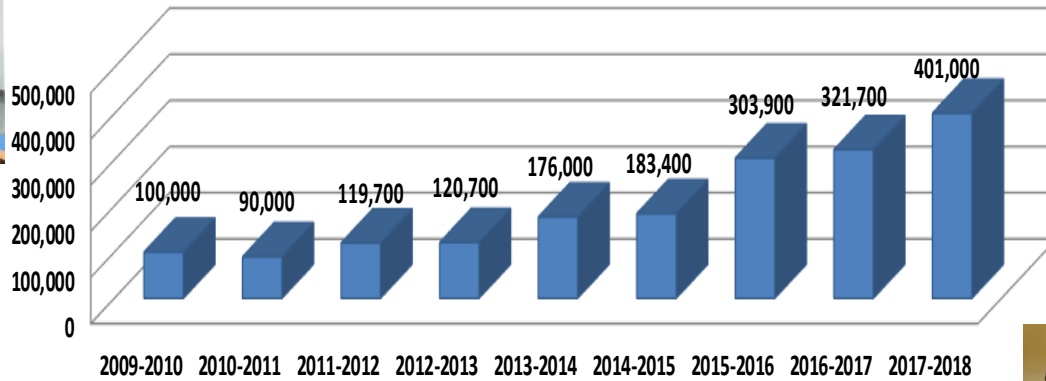


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ERASMUS+ PROGRAMME

ERASMUS+ Funds (Euro) - KA103 – EU COUNTRIES



Erasmus+ programme in 2019-2020 MBNA:

- **408.000 Euro** for EU Countries exchanges;
- **90.000 Euro** for partner countries.



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ROMANIAN NAVAL ACADEMY

Info link:

<https://www.anmb.ro/eng/>



THANK YOU !