

# ODESSA BRANCH



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## Activity Report of 2020/2021 financial year

On 1 October, 2021 the 23<sup>rd</sup> Annual General Meeting of Odessa Branch in Ukraine was held at the Assembly Hall of National University «Odessa Maritime Academy».

During the reported year the following points were discussed at the Branch Committee Meetings:

- Joining the Institute of Marine Engineering, Science and Technology.
- Information about the IMarEST events and meetings.
- Information about membership fees payment by the members of the IMarEST Odessa Branch.
- Information about Grants from the IMarEST.
- Work of young marine professionals, English Club and Library.
- Topics, programmes and venues of scientific conferences and seminars.
- Cadets and members: candidates for the IMarEST prizes.
- Work during the critical situation in the world dealing with COVID19.

Members of the IMarEST Odessa Branch took part in conduction and organization of conferences and events devoted to the scientific work of the Engineering Institutes at the National University «Odessa Maritime Academy» and other institutions.

On **20-21 November, 2020**, National University «Odessa Maritime Academy» participated in XII International Specialized Online Exhibition “Education and Career – Virtual Fair”. Company “Exhibitions World” with the support and participation of the Ministry of Education and Science of Ukraine and the National Academy of Educational Sciences of Ukraine organized the exhibition.

The purpose of the exhibition was to present domestic and foreign educational institutions, exchange programs for students and pupils, study the experience of cooperation with European countries in the field of education and youth employment, seminars, round tables on further development of the education system.

The International Educational Exhibition united the participants of the educational process in the search for effective ways to improve the quality of national education, the development of international educational projects. Applicants



had the opportunity to get acquainted with the peculiarities of admission to educational institutions, choosing a future profession, Bachelor's and Master's programs, preparatory university courses and learn about the specifics of education in Ukraine and abroad.

National University "Odessa Maritime Academy", based on the results of an expert assessment of the participants' works presented at the competition, held by the Institute for the Modernization of the Content of Education of the Ministry of Education and Science of Ukraine, the National Academy of Pedagogical Sciences of Ukraine, the Board of the Knowledge Society of Ukraine, the Directorate of the Center "Exhibitions, presentations" was marked for high performance by the corresponding award: Grand Prix in the nomination "Development of the material and technical base of the educational institution" and the honorary title "Leader of Higher Education of Ukraine.

The following representatives of NU "OMA" took part in the exhibition: M.V. Miyusov, Professor, the Rector of NU «OMA», O.M. Mazur, Ph.D. in Engineering Science, Head of Advertising and Public Relations Department as well as other employees of the department, O.Y. Kozachenko, Secretary of the Admission Board, Y.V. Fedoruk, cadet of Educational and Scientific Institute of Maritime Transportation and Technologies, D.M. Chervonyi, cadet of Educational and Scientific Institute of Automation and Electrical Engineering, D.V. Ungarov, graduate student of NU "OMA".

The exhibition "Education and Career – Virtual Fair" provides an opportunity for all educational institutions to demonstrate their achievements, and visitors – to learn a lot of useful information and decide on a future profession. Meeting of professionals representing the leading universities, finding effective ways to improve the quality of education, exchange of experiences, innovative ideas, advanced pedagogical technologies will contribute to the successful reform of the national education system.

**On 18 November, 2020**, The International Scientific and Technical Conference of Young Scientists "Ship's Power Plants: Operation and Repair" was held at the premises of National University "Odessa Maritime Academy".

This event was attended by teachers-scientists: doctors, professors, associate professors of NU "OMA" departments such as: ship heat power engineering, materials technology and ship repair, ship power plants, technical operation of the fleet, theory of automatic control and computer technology, theoretical mechanics, ship auxiliary installations and refrigeration equipment.

The conference topics were following: Ship's Power Plants and Systems; Operation and Repair of the Ship's Power Plants.

**On 26 November, 2020** - Participation of representatives of Danube Institute of National University "Odessa Maritime Academy" (Prof. V. Chymshyr, Prof. I. Smirnova) in the VIth International Scientific and Practical Internet Conference "Psychological and Pedagogical Aspects of Adult Training in the System of Life-long Learning". The agreement on cooperation between the Bila Tserkva Institute of Continuing Professional Education and Danube Institute of National University "Odessa Maritime Academy" was set.

**On 10 February, 2021**, an online conference of the Black Sea Association of Maritime Institutions (BSAMI) was held. National University "Odessa Maritime Academy" was represented by Prof. M.V. Miyusov, the Rector of NU "OMA" and Dr. M.V. Chesnokova, Head of the International Cooperation Department.

Within the framework of the BSAMI meeting the following issues were considered: Progress in fight against COVID-19 and exchange of best practices; the way forward: presentation of short-term targets (educational, research projects, scientific studies); financial report; progress of working groups and reorganization; proposals for future BSAMI activities including new project proposals, plan of work for next year: BSAMI Road map, new members proposals.

During sessions special emphasis was given to the importance of cooperation in the Black Sea region for a sustainable blue growth, emerging trends, threats and opportunities in the Black Sea region: Stakeholders' expectations of the project participants from maritime education and training institutions as well as innovative MET solutions and cooperation on research.

The panel speakers made following reports on specific topics: Professional Training for Involvement in maritime education; Challenges caused by COVID19, solution found, current situation and future plans; Paradigma shifts and emerging technologies in MET; Using an engine room simulator in augmented reality environment in connection with

training and researching during the COVID-19 pandemic; Measures against maritime pollution and environment protection in the Black Sea – Project BLUE4SEAS; Development of maritime management joint master program for regional cooperation – Project MINE-EMI; Development of soft skills in Maritime – project iSOL-MET.

On **11 March, 2021**, the Board of the Institute of Marine Engineering, Science and Technology (IMarEST) held the Annual General Meeting of the IMarEST Members, as well as the meetings of the Institute’s Board (Council Meeting) in teleconference mode taking into account both the worsening global situation of the coronavirus and the UK it self. The main purpose of these meetings was to discuss issues related to the work of the Institute’s branches located in different parts of the world, as well as to engage young scientists in the ranks of the aforementioned Institute.

The conference was attended by 43 participants from 10 countries. The Odessa Branch of the Institute of Marine Engineering, Science and Technology was represented by Ph.D., Associate Professor Sergey Karianskyi (Honorary Secretary of Odessa Branch of IMarEST).

During the Annual General Meeting, a report for 2020 and a report of committees were presented. The future dates for the meetings were also discussed.

On **25-26 March, 2021** The International Scientific and Technical Conference “SEA AND RIVER FLEET: Operation and Repair” was held at the Educational and Scientific Institute of Engineering of National University “Odessa Maritime Academy”. At the plenary report, V.D. Savchuk, Head of the Research Department greeted the participants.

Within the framework of the conference, the plenary meeting started with the report on the state of current issues and outlook regarding the Institute’s readiness to implement a strategy for the commercialization of scientific research represented by M.O. Kolegaev, Director of Educational and Scientific Institute of Engineering and K.L. Obertur, Deputy Director of the Institute.

In general, during the conference 82 reports were heard using remote communication facilities, distributed to specialized departments in the corresponding working sections. At the final meeting of the conference, the reports of the section leaders were approved and the best works were selected to be recommended for publication in the specialized collection of scientific papers “Ship’s Power Plants”.

On **5-14 May, 2021**, The 103rd session of the Maritime Safety Committee was held remotely at the headquarters of the International Maritime Organization (IMO) in London That was the second time that MSC Session took place remotely on the KUDO online platform.

As a representative of the International Association of Maritime Universities (IAMU), D.S. Zhukov, a senior lecturer of the Ship Control Department took part in the work of the 103rd Session of the IMO MSC.

Kitack Lim, Secretary–General of International Maritime Organization (IMO) made an opening speech before the start of the session. In his speech, the IMO’s Secretary General drew attention to the negative impact of the COVID 19 pandemic on trade, maritime transport and seafarers in particular.

“Seafarers: at the core of shipping’s future” is the motto of this year’s theme. Such a topic provides a unique opportunity to send a message to the global community in regard to protecting the rights of seafarers and increasing attention to their unique role as key workers in world trade. Kitak Lim also stressed the importance of security issues, especially in the Gulf of Guinea region. With regard to the MASS vessels (Maritime Autonomous Surface Vessels), it was noted that there was a delay due to the pandemic by at least a year in the development of issues related to such vessels.

During the meetings of the 103rd Session the following issues were considered:

1. Adoption of the agenda; report on credentials
2. Decisions of other IMO bodies
3. Consideration and adoption of amendments to mandatory instruments
4. Capacity-building for the implementation of new measures
5. Regulatory scoping exercise for the use of Maritime Autonomous Surface Ships (MASS)
6. Development of further measures to enhance the safety of ships relating to the use of fuel oil
7. Goal-based new ship construction standards

8. Measures to improve domestic ferry safety
9. Measures to enhance maritime security
10. Piracy and armed robbery against ships
11. Unsafe mixed migration by sea
12. Formal safety assessment
13. Human element, training and watchkeeping (urgent matters emanating from the seventh session of the Sub-Committee)
14. Navigation, communications and search and rescue
15. Ship design and construction
16. Ship systems and equipment
17. Application of the Committee's method of work
18. Work programme
19. Election of Chair and Vice-Chair for 2021
20. Any other business
21. Consideration of the report of the Committee on its 103rd session

During the 103rd Session of the MSC, there were the following working groups:

Working Group (WG1) MASS

Working Group (WG2) Piracy

Working Group (WG3) Fuel oil safety

During the work of the Session, more than 100 official documents developed by the secretariat and the participating countries were processed.

Ms. Mayte Medina was elected as the new Chairman of the IMO MSC while Mr. Mozas was elected as Deputy Chairman. The full text of the speeches of Kitak Lim, the IMO Secretary-General and the working documents of the 103 Sessions can be found on the official website of the organization [www.imo.org](http://www.imo.org).

On **10 June, 2021**, the 1<sup>st</sup> part of the on-line training on Academic recognition took place within the framework of the Erasmus + project "Qualifications Recognition Support for Ukrainian Universities". Vadym Zakharchenko, Vice-Rector on Scientific and Pedagogical work of National University "Odessa Maritime Academy" who is a National project coordinator in Ukraine, was the moderator of the event. Representatives of the HEIs of Ukraine, partner institutions from Estonia, Poland, Portugal as well as the National qualifications agency took part in the training.

Among the participants of the event there were also Belen Enciso, representative of the European Education and Culture Executive Agency (EACEA) and Svitlana Shytikova, Head of National Erasmus+ office Ukraine.

During the 1st part of the training, representatives of the project partner institutions from other countries made presentations on the procedures of qualifications recognition in the European Higher Education Area and European HEIs. After the presentations of European project partners, representatives of HEIs of Ukraine were divided into several working groups mentored by the representatives of the partner institutions. Each group obtained the task to be completed within a week. On 17th June, during the 2nd part of the training, the groups will present the results of their work to all participants of training.

Among the training participants there were following representatives of National University "Odessa Maritime Academy": Dana Parmenova, Maksym Kulakov, Olga Petrychenko, Maksym Levinskyi, Alina Zaderei, Oleksandra Suprun, Valentyn Chymshyr, Iryna Smyrnova, Vasyl Zheliaskov, Tetyana Tarasenko, Oleksandr Danylenko, Igor Maslov, Natalia Bykovets, Ivan Berestovoi.

On **29-30 June, 2021** a two-day forum "Professional Qualifications: Formation and Awarding" took place at the premises of National University "Odessa Maritime Academy".

The organizers of the forum were the National Agency for Qualifications, the Federation of Employers of Ukraine, the Association of Employers of the Odessa region, the Department of Education and Science of the Odessa Regional State Administration, National University "Odessa Maritime Academy" (NU "OMA").

The forum was attended by the Chairman of the National Agency for Qualifications Y.V. Balanyuk, Deputy Chairman of

the National Agency for Qualifications V.V. Kovtunets, Chairman of the Association of Employers of Odessa region K.P. Zhuravel, Executive Director of the Association of Employers of Odessa region I.V. Dubchak, Deputy Director of the Department of Education and Science of the Odessa Regional State Administration T.M. Abozina, Rector of National University "Odessa Maritime Academy" M.V. Miyusov, Vice-Rector on Scientific and Pedagogical Work of National University "Odessa Maritime Academy" V.M. Zakharchenko, and the representatives of vocational, professional higher and higher educational institutions.

During the forum, the representatives of business and education discussed the following topics: the issues of training workers and specialists with higher education for the Odessa region, the procedure for developing and approving professional standards and creating qualification centers, the issues of assessing learning outcomes for awarding professional qualifications and recognition of non-formal and informal learning outcomes.

On **23 July, 2021** Academy of Maritime Education and Training (AMET) located in Chennai, India held a virtual International Conference in Shipping and Nautical Science (ICSNS 2021) – "Embracing Technological Enhancement". The conference was opened by Capt. K. Karthik, the First Vice-Rector of AMET University. The following representatives made opening statements: Mr. Glenn Blackwood, Chair, of International Association of Maritime Universities (IAMU), Vice President of Memorial University (Marine Institute), Canada; Col. Dr. G. Thiruvassagam, Vice Chancellor, AMET Deemed to be University, President of Association of Indian Universities (AIU), India; Capt. Jeanine Drummond, Managing Director of Principal Marine Advisor, Australia; Capt. Luis G Evidente, Head of Fund of Colleges of the Philippines.

The conference was attended by over 200 participants from countries leading in maritime education and training. More than 20 presentations and two technical sessions were held during the conference. The main topics of the presentations were the challenges of maritime education and training related to the impact of the COVID19 pandemic, the rapid development and changes in modern teaching technologies and innovations in the maritime industry.

National University "Odessa Maritime Academy" was represented by M.V. Chesnokova, Head of International Cooperation Department and D.S. Zhukov, a senior lecturer of Ship Control Department. Their joint presentation was dedicated to "Current and future challenges for maritime education and training".

On **31 August, 2021** the 8th the International Forum on Seafarers' Education, Training and Crewing (ETC) began its work, which commonly takes place in the passenger complex of the Odessa Sea Port and will last until September 2. During the opening ceremony, welcoming statements were made by Gennadiy Trukhanov, City Mayor of Odessa, Sergey Grinevetsky, Head of the Odessa Regional State Administration, Y.Y. Kruk, Head of the Odessa District State Administration, Deputy of the Odessa Regional Council, Andrey Boyko, Director of Anglo-Eastern and General Partner of the Forum, Mikhail Miyusov, Rector of National University «Odessa Maritime Academy», Chairman of the organizing committee of the forum, Alexander Syvak, Organizer of the exhibition "TRANS EXPO ODESSA", General Director of "MediaCompass Ukraine" and others.

Traditionally, the forum is supported by the International Transport Workers' Federation (ITF), the International Maritime Employers' Council (IMEC), the International Association of Shipowners BIMCO, the International Association of InterManager, the International Association of Maritime Universities (IAMU), The Nautical Institute, the Institute of Marine Engineering, Science and Technology of Great Britain (IMarEST), as well as the Ministry of Education of Ukraine and the Ministry of Infrastructure of Ukraine.

The organizers of the forum are National University "Odessa Maritime Academy" and the exhibition center "Odessa House".

The ETC-2021 Forum brings together an exhibition and a conference, which are attended by the representatives of leading international maritime organizations, shipping and crewing companies, maritime educational institutions, training centers for seafarers, banks and insurance companies, medical centers and other organizations related to the training and crewing of seafarers.

The general partner of the forum is Anglo-Eastern Ship Management, a leading, independent provider of ship management services to ship owners around the world. The general partner of the exhibition is Wärtsilä, which is a global leader in smart technologies and complete lifecycle solutions for marine and energy markets.

The conference program includes reports and panel discussions on the problems of global shipping and its staffing, modern technologies in the maritime fleet, standards of maritime education, ensuring the effectiveness of education, practical training and employment of seafarers in the context of spreading of coronavirus infection COVID-19.

The motto of the Forum is “Partnership for Progress”. Only thanks to partnership, joint efforts of all interested parties, it is possible to solve the problem of the lack of qualified personnel in the global maritime labour market and to ensure efficient and safe shipping.

The opportunity to demonstrate to the international maritime community the potential of the maritime education and employment system of Ukrainian seafarers allows us to confirm the position of Ukraine as one of the leaders in staffing world shipping with highly qualified specialists. We expect creation of new companies in the Ukrainian market and the opening of new cadet programmes.

On **8-10 September, 2021** the World Maritime University was hosted unique online event that brings together, for the first time, the International Maritime Lecturers’ Association (IMLA) with all three of its Special Interest Groups: International Conference on Engine Room Simulators (ICERS), International Maritime English Conference (IMEC), and International Navigation Simulator Lecturers’ Conference (INSLC).

«Seas of Transition: Setting a Course for the Future» was the main topic of the conference.

The Conference shall provides an opportunity for interdisciplinary discussion and exchange of ideas on issues facing maritime education and training (MET) in the present era of rapid change in the global maritime community, with a view to harnessing the past to navigate the future.

National University “Odessa Maritime Academy” was represented by Associate Professor Sergey Karianskyi, sub-committee member of the International Maritime Lecturers’ Association.

Also during the event it will be decided to hold the next international conference of the Association of Maritime Lecturers in 2022 on the basis of the National University “Odessa Maritime Academy”.

In the reporting year, the members of the Odessa Branch of IMarEST payed their fees directly to the London Institute.

During the Odessa Branch General Annual Meeting 11 members of the Committee were elected:

**Chairman** – Prof. Valentyn Chymshyr, MIMarEST, Director of Danube Institute of National Academy «Odessa Maritime Academy», Izmail, Odessa region

**Vice Chairman**, Prof. Sergii Gorb, CEng, CMarEng, FIMarEST, Head of Theory of Automatic Computer Engineering Department of National University «Odessa Maritime Academy»;

**Honorary Secretary** – Assoc. Prof. Sergey Karianskyi, CEng, CMarEng, FIMarEST;

**Honorary Treasurer** – Assist. Prof. Andrey Bondarenko, MIMarEST.

**Members:**

Prof. Mykhaylo Miyusov, CEng, CMarEng, FIMarEST, Rector of the National University «Odessa Maritime Academy»

Prof. Oleksandr Shemiakin, CEng, CMarEng, FIMarEST, First Deputy Rector of the National University «Odessa Maritime Academy»;

Prof. Vadim Zakharchenko, CEng, CMarEng, FIMarEST, Deputy Rector for Scientific and Pedagogical Affairs of the National University «Odessa Maritime Academy»;

Prof. Mykhaylo Kolegaiev, CEng, CMarEng, FIMarEST, Director of Engineering Institute of the National University «Odessa Maritime Academy»;

Prof. Vladimir Golikov, CEng, CMarEng, FIMarEST, Head of Fleet Technical Operation department of the National University «Odessa Maritime Academy»;

Prof. Vitaliy Koshevoy, CEng, MIMarEST, Head of Marine Radio Communication department of National University «Odessa Maritime Academy»;

Prof. Vitaliy Budashko, Director of Electrical Engineering and Radio Electronics Institute of the National University «Odessa Maritime Academy»;

Mr. Yevgen Ozhenko, AMIMarEST, Senior Lecturer of the National University «Odessa Maritime Academy», Students

and Early Careers Representative;

Assoc. Prof. Valeriy Solodovnikov, Senior Lecturer of the National University «Odessa Maritime Academy», Ships' power plants operation department;

Assoc. Prof. Marina Chesnokova, Candidate of Philological Sciences, Associate professor, Head of International and Economic Cooperation Department;

Assoc. Prof. Rostyslav Sharov, Captain(N), Deputy Head of Naval Institute of National University «Odessa Maritime Academy»;

Mr. Sergiy Smirnyy, Director – Alseta Ships LLC

Prof. Valentyn Chymshyr MIMarEST

Chairman of the IMarEST Odessa Branch Committee

Assoc. Prof. Sergey Karianskyi CEng, CMarEng, FIMarEST,

Honorary Secretary of the IMarEST Odessa Branch