

## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Lovro Maglić**  
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 Nationality Croatian  
 Date of birth 09.02.1980.  
 Gender male

### Work experience

Dates	01.2015. - today
Occupation or position held	<b>Assistant professor</b>
Main activities and responsibilities	Teaching at university level studies – department of nautical sciences (Safety at sea, International system of maritime safety, Quality management in shipping, Marine technologies, Ship's maintenance, navigational practice), Conducting STCW courses, participating in national and international scientific and expert projects.
Name and address of employer	Faculty of maritime studies – University of Rijeka, Studentska ulica 2, 51000 Rijeka, Croatia
Type of business or sector	Education
Dates	02.2009. – 12.2014.
Occupation or position held	<b>Assistant / young researcher</b>
Main activities and responsibilities	Teaching at university level studies – department of nautical sciences (Safety at sea, International system of maritime safety, Quality management in shipping, Marine technologies, Ship's maintenance, navigational practice), Conducting STCW courses.
Name and address of employer	Faculty of maritime studies – University of Rijeka, Studentska ulica 2, 51000 Rijeka, Croatia
Type of business or sector	Education
Dates	12.2007. – 02.2009.
Occupation or position held	<b>Founder and general manager</b>
Main activities and responsibilities	Organization and leading the key processes in Nexus Ltd.. company
Name and address of employer	Nexus d.o.o., Milutina Barača 19, 51000 Rijeka, Croatia
Type of business or sector	Internet portal for maritime employment <i>Maritime Connector</i>
Dates	2001.-2007.
Occupation or position held	<b>Deck officer</b>
Main activities and responsibilities	Nautical officer on merchant ships and dynamic positioning officer on offshore ships

Name and address of employer Reederei Karl Schluter; Stena Bulk; Sealion Shipping.  
 Type of business or sector Maritime shipping

**Education and training**

Dates 02.2009. - 12.2014.  
 Title of qualification awarded Ph.D. – Nautical sciences  
 Principal subjects Postgraduate doctoral studies “Pomorstvo”  
 Name and type of organization providing education and training Faculty of maritime studies – University of Rijeka, Studentska ulica 2, 51000 Rijeka, Croatia  
 Level in national or international classification Ph.D. – Technical Science – Maritime transport technology

Dates 11.2004.  
 Title of qualification awarded Chief officer on a ship of 3000 GT or more  
 Name and type of organization providing education and training Ministry of sea, transport and infrastructure Republic of Croatia  
 Level in national or international classification STCW II/2

Dates 2004.-2006.  
 Title of qualification awarded Graduated engineer of maritime transport – nautical department  
 Name and type of organization providing education and training Faculty of maritime studies – University of Rijeka, Studentska ulica 2, 51000 Rijeka, Croatia  
 Level in national or international classification Dipl.ing.

**Personal skills and competences**

Mother tongue(s) **Croatian**

Other language(s) **English, Italian**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Very good	C1	Very good	C1	Very good	C1	Very good	C1	Very good
C1	Very good	C1	Very good	C1	Very good	C1	Very good	C1	Very good

(\*) Common European Framework of Reference for Languages

Technical skills and competences Certificates by international STCW convention and other industrial standards:

- CoC - Chief officer of a ship of 3000 GT or more;
- CoC - Master of a ship up to 3000 GT;
- CoC - GMDSS;
- ECDIS;
- Bridge resource management;
- Bridge team management;
- ARPA radar;
- Advanced oil tanker operations;
- Medical first aid;
- Proficiency in survival craft and rescue boat;
- Fast rescue boats operation;
- Advanced firefighting;
- Ship's security officer;
- Ship board safety officer;
- Dynamic positioning, induction;
- Yacht master up to 500 GT;

Computer skills and competences	Competent with: ARENA and FlexSim discrete event simulation software, IWRAP – maritime risk assessment tool, ArcGIS, Microsoft Office package, Photoshop, CorelDraw.
Other skills and competences	Sport: sailing and diving.
Driving license	Category A (motorcycles), B (automobiles), C (trucks).
<b>Scientific and professional references</b>	<p><b>Intramural activities</b></p> <ul style="list-style-type: none"> <li>- Faculty of Maritime Studies Rijeka – University of Rijeka; lecturing subjects: Safety at sea, International system of maritime safety, Quality management in shipping, Marine technologies, Ship's maintenance and Navigational practice.</li> <li>- IMSSEA (International Maritime Safety, Security and Environment Academy), Genoa: Flag State Implementation, Port State Control, International Ship and Port Facility Security Code, lecturer (since 2015).</li> <li>- Editorial Board “Scientific Journal of Maritime Research Pomorstvo”, member (since 2016)</li> <li>- Editorial Board “Pomorski zbornik – Journal of Maritime and Transportation Sciences”, member (since 2015)</li> </ul> <p><b>Memberships</b></p> <ul style="list-style-type: none"> <li>- Croatian Chamber of Transport Engineers – The Department of Maritime Transport and Inland Waterway Engineers – member;</li> <li>- Croatian Ship Masters and Officers Association – member;</li> <li>- Royal Institute of Navigation (RIN) – member.</li> </ul> <p><b>Participation on scientific projects</b></p> <ul style="list-style-type: none"> <li>- WORK VTS – Vessel traffic service operators' workload – University of Rijeka, project leader, 2017-2019.</li> <li>- ADRIATIC IPA Cross Border Project – BALMAS – Ballast water management system for Adriatic Sea protection, project member, 2013-2016.</li> <li>- <i>Research into the correlations of maritime-transport elements in the marine traffic</i>, Ministry of Science, Education and sports of the Republic of Croatia, project member (project leader: Ph.D. Serdjo Kos), 2010-2014.</li> <li>- <i>Sea traffic management in high pollution risk areas</i>, Ministry of Science, Education and sports of the Republic of Croatia, project member (project leader: Ph.D. Damir Zec), 2007-2010.</li> </ul> <p><b>Scientific articles</b></p> <ul style="list-style-type: none"> <li>- Maglic, L.; Zec, D; Francic, V., <b>Ballast water sediment elemental analysis</b>, Marine pollution bulletin. 103 (2016), 1/2; p. 93-100</li> <li>- Maglic, L.; Zec, D; Francic, V., <b>Model of the Adaptive Information System on a Navigational Bridge</b>, Journal of navigation. 69 (2016), p. 1247-1260.</li> <li>- Gundic, A; Maglic, L.; Zec, D, <b>Recent developments in higher maritime education in Croatia</b>, journal Pomorstvo, 29 (2015), p. 115-121.</li> <li>- Francic, V.; Grbic, L.; Maglic, L, <b>Inspections of Ro-Ro Ships Operating on “Motorways of the Sea” Routes</b>, Pomorski zbornik. 49/50 (2015), 1; p. 41-55.</li> <li>- Maglic, L.; Zec, D.; Francic, V., <b>Effectiveness of a barge-based ballast water treatment system for multi-terminal ports</b>, Promet - Traffic &amp; Transportation. 27 (2015), 5; p. 429-347.</li> </ul>

- Santic L., Maglic L., Vilke S., **Assessment of the existing condition and development plans of the nautical tourism ports of the Primorsko-Goranska county**, journal *Suvremeni promet*, 32 (2012) p. 395-399, (2012).
- Komdina P., Maglic L., **Influence factors and methods for determining VTS operator's workload**, journal *Pomorstvo*, vol. 25/2, p. 343-369, UDK: 656.61, ISSN: 1332-0718, (2011).
- Mohovic R., Maglic L., **Methods of calculating the ship's squat and its prediction using AIS in VTS**, journal *Pomorstvo*, vol.24/2, p. 229-246, UDK: 656.61, ISSN: 1332-0718, (2010).
- Francic V., Maglic L., Njegovan M., **Safety analysis of passenger ships in domestic voyages**, journal *Pomorstvo*, vol. 23, p. 539-555, UDK: 656, ISSN: 1332-0718, 2009.
- Maglic L., **Dynamic positioning operator training and training centers accreditation**, journal *Pomorstvo*, vol. 23, p. 427-440, UDK: 656, ISSN: 1332-0718, 2009.

#### **Papers presented at international scientific conferences**

- Francic, V.; Maglic, L.; Šimić Hlača, M. **Sediment management practices for ports and shipyards - applicable approaches**. IAMU AGA 17 - Working together: the key way to enhance the quality of maritime education, training and research. Hai Phong, Vietnam, 225-234, 2016.
- Maglic, L.; Francic, V.; Zec, D. **BWM Convention 2004 - new challenges for MET institutions**. Proceedings of the 16th International Association of Maritime Universities Annual General Assembly - IAMU AGA 16 (2015). Opatija, Croatia, 225-230.
- Vilke, S.; Debelic, B.; Maglic, L. **Road network linking the sea port as a vital transport factor determining its successful hinterland interconnection. Factors determining their primary and secondary role in the case of the port of Ploče**. Proceedings of the 16th International Association of Maritime Universities Annual General Assembly - IAMU AGA 16 (2015). Opatija, Croatia, 371-374.
- Zec D., Maglic L., Simic Hlaca M., **Maritime transport and possible accidents in the Adriatic sea**, 17th Annual Conference of the European Environment and Sustainable Development Advisory Councils EEAC, Dubrovnik, (2009).

**Professional projects and expertise** – Associate and author on more than 25 research projects and expertise related to safety of navigation, maritime traffic, marine pollution protection, port organization, technological processes and management of seaports. The list provided are selected projects and expertise funded by the Croatian Ministry of the Sea, Transport and Infrastructure and commercial entities:

- Maritime Study – LNG FSRU Krk – Rijeka, 2017.
- Ship Collision Study – LNG FSRU KRK – Rijeka, 2017.
- Maritime Study - Analysis and evaluation of maritime safety on anchorage near the islet of Daksa – Dubrovnik, 2016.
- Maritime Study – Mooring of product tankers at the tanker berth Gaženica (port of Zadar), 2016
- Feasibility study - an analysis of possible alternative locations for the construction of tanker berth in the port of Ploče, 2015.
- Maritime Traffic Study – navigational area of Primorsko-goranska, Zadarska and Sibensko Kinska County, 2015.
- Maritime study – Liquefied natural gas terminal Krk, 2014.

- Maritime Traffic Study – Navigational area of the port of Split, Ploce and Dubrovnik, 2014.
- Economic impact of the provisions application of the International Convention for the control and management of ship's ballast water and sediments, 2004, in the republic of Croatia, 2013.
- Risk assessment as part of Level 2 contingency planning in Croatia, AdriaSpillCon, 2013.
- Economic assessment of the implementation of the Ballast water management convention implementation in the Republic of Croatia, 2013.
- The environmental impact study for the reconstruction and extension of petroleum products storage and special purpose port - military port Brizine, 2012.
- Draft of the Adriatic Sea PSSA proposal, Ministry of Maritime Affairs, Transport and Infrastructure, Rijeka, 2012.
- Vulnerability and risk assessment for contingency plan area in case of accidental marine pollution for the area of Zadarska County (2009.) and Primorsko-goranska County (2011.)

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