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## An urgent issue relating to training and certification for inland waterway sectors

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### Abstract

Currently, hundreds of inland waterway vehicles are transporting passengers to the islands are in shortage of crewmembers, arranging operators, mechanics with unsuitable professional qualifications. Maritime Port Authority said, to ensure traffic safety for inland water activities, the unit has organized inspection and review of qualifications and professional certificates for inland waterway vessels currently carrying visitors to the islands. Through inspection, there are 57 vehicles lacking a class III chief engine; the number of vehicles lacking a class II chief engine has 2 types: there are 38 class chiefs arranged to replace 38 means; do not arrange temporary title to replace 90 means. In addition, the number of vehicles not yet arranged with a driver of a high-speed type I certificate (currently using a captain of a class III or a driver of a motor vehicle with a high-speed type II certificate to temporarily replace) has 14 vehicles; the number of vehicles lacking class I mechanics (using limited mechanics to replace them) is 11. With such violations, Maritime Port Authority has not allowed to leave ports for vehicles lacking crew members. Although this affects business operations and tourism, it is essential to ensure safety. In addition, the number of inland waterway transporting tourists locally grows rapidly, while the trained crewmembers are inadequate.

**Keywords:** qualification certificate, inland waterway

### 1. Introduction

Vietnam Maritime Administration (HHVN) has implemented solutions on the content of "Promoting education, training and development of marine human resources" in accordance with the Resolution No. 36-NQ / TW of October 22, 2018 of the Association. the eighth Conference of the Central Party Committee, Session XII, "Strategies for sustainable development of Vietnam's marine economy to 2030, vision to 2045"; To study mechanisms to support and improve training quality, develop a network of marine human resource training establishments up to advanced levels in the region; effectively carrying out vocational training, meeting the labor requirements of the marine economic sectors and changing jobs of the people; coordinate with Vietnam Maritime University in formulating a training program for seafarers working on board in the polar regions. The Vietnam Maritime Administration has completed a report to the European Maritime Safety Administration (EMSA) on Vietnam's compliance with training, training and certification of STCW Convention; prepare content to work with the International Maritime Organization (IMO) on evaluating the implementation of the STCW Convention 78/2010. In 2019, the Vietnam Maritime Administration will continue to implement drastically the direction of the Government, the Prime Minister, the National Traffic Safety Committee and the Ministry of Transport on traffic safety to ensure the completion of the Traffic Safety Year 2019; Well organize disaster prevention, search and rescue; Continue to focus on propaganda, combined with inspection and supervision of the compliance with the laws on maritime safety and security with respect to those involved in maritime activities, especially SB vehicles; Inland waterways and fishing vessels. The Vietnam Maritime Administration will continue strengthening the inspection work of units, transport enterprises and port enterprises in the performance of maritime security, well serving the people's travel needs, ensuring order self-traffic safety, especially water transport route from shore to island; Coordinating with related units to implement the control of vehicle load at the seaport; Continuing to implement the

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Scheme on maintaining the Vietnamese fleet in the white and gray list of Tokyo MOU; Urge and inspect the units to strictly implement the 24/7 duty regime to receive and promptly handle all information of accidents and incidents received. In 2019, the Vietnam Maritime Administration plans to increase the state budget revenue by 5% compared to 2018. The Department closely follows Government Decrees and the Ministry of Finance and the Ministry of Transport's guidance on housing budget revenue and expenditure. Water and timely deployment to the unit to actively implement. Organize timely deployment and guide units to implement legal documents on fees and charges, strengthen the management of maritime charges collection, ensure the collection is correct, sufficient and timely remitted to the state budget. Water as prescribed. The Vietnam Maritime Administration strictly manages state budget expenditures to ensure that they are approved in accordance with the approved estimates, in accordance with the prescribed regime, thoroughly save regular

expenditures, and minimize expenses for organizing conferences and seminars. , expenses for foreign affairs. Develop a saving plan from the beginning of 2019 and implement it thoroughly to ensure and increase income for officials and public employees. Adopting recommendations of organizations and individuals at the meeting to meet the shipping enterprises, the Vietnam Inland Waterway Administration has reviewed the remaining problems and shortcomings proposed and proposed the Ministry of Transport to amend and supplement the system of relevant legal documents in order to create the most favorable conditions for organizations and individuals in transportation business. Along with the program of training crewmembers, inland waterway transporters are being developed to develop modular program. In this way, the content of the training program becomes more flexible, rigid, rigid, always up to date with changes in science and technology, socio-economic and training practical, relevant for learners and the needs of the labor market.

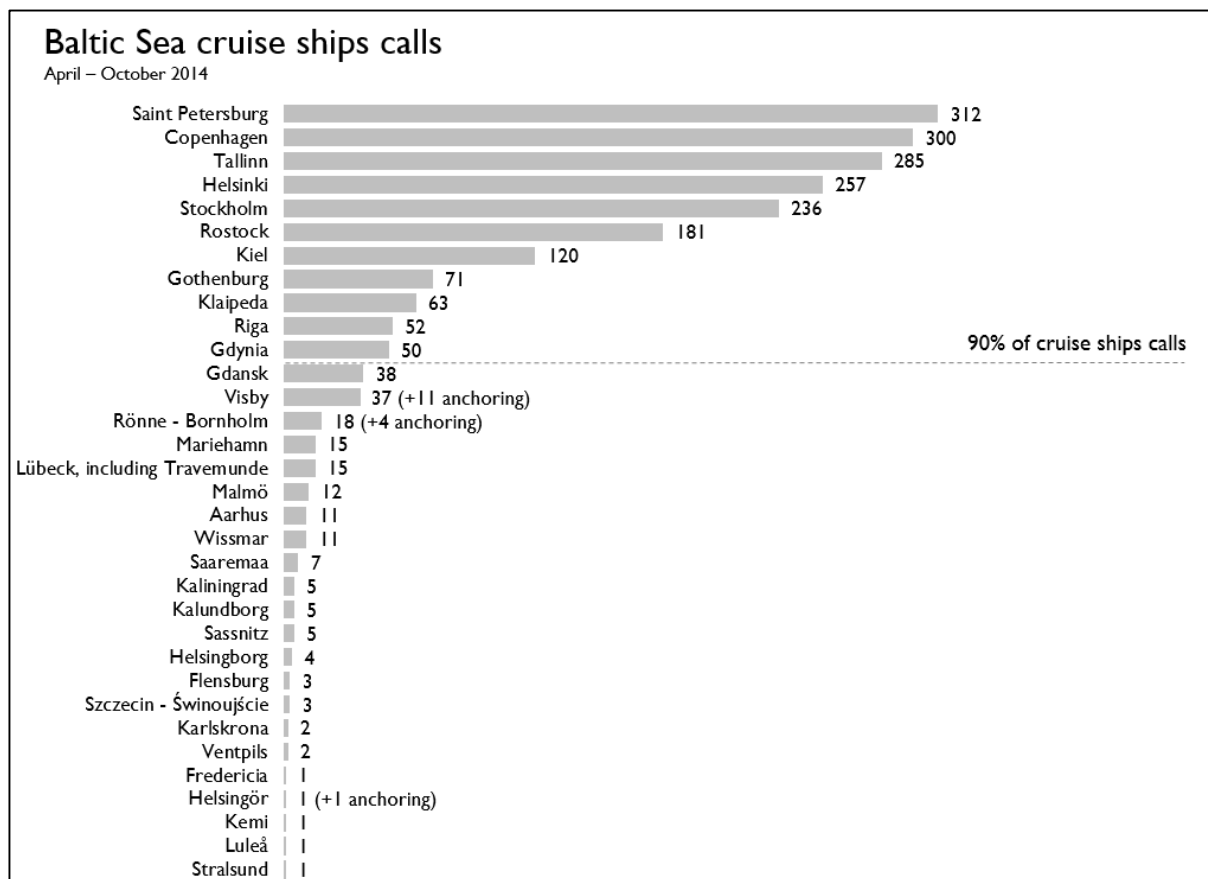


Fig. 1: Baltic sea cruise ships calls

This content was included in the Circular replacing the Circular No 57/2014/TT-BGTVT dated October 24, 2014 by the Minister of Transport and Communications regulating material and technical facilities of vocational training institutions and chapters to train crews and drivers of inland water transport means. In addition, training programs, the Ministry of Banking exam questions and answers in the training, examinations, examinations, granting of diplomas and professional certificates to crew members and drivers of inland waterway means have been applied unified throughout the country. Accordingly, organizations and individuals are wishing to visit the website of the Department to download research and study

materials. Waterway transportation colleges also regularly organize training courses for crews and drivers of enterprises wishing to register for training. In recent years, especially after the promulgation of the Transport Laws of the inland waterway, the shipping industry has developed strongly in terms of volume, type and shipping lines, types of goods and locations activity. Along with the increasing development of water transport, the number of means and crews, the driver of inland waterway means is also growing. Over the past years, the Ministry of Transport and Vietnam Inland Waterway Department have implemented many effective measures to ensure the inland waterway traffic inspection and the inland waterway traffic control

system has been initially controlled but still happens serious accidents. There are many causes of accidents, including those involving the driver: the driver does not have a degree, professional certificate combined crews, riders are critical factors contributing to the safety of inland waterway transport. Therefore, improving the quality of training crew, inland waterway transport means is an important factor in ensuring the accidents in inland waterway. At present, the training of crewmembers, drivers of inland waterway transport means and holding the title of firefighters is carried out according to the following regulations:

- Under the Education Law and the Law on Higher Education: there are university and college majors in ship control, ship management, transport management. Graduates will be awarded university or college degrees.

- According to the Law on Vocational Education (now the Law on Vocational Education): there are collegial, intermediate and primary degrees in ship control, ship management and waterway management. Learners after graduation will be awarded a degree, intermediate or primary.

In accordance with the Law on Inland Waterway Traffic in 2005 and the Law on Amendment of Addition some number of clauses, the Law on Inland Waterway Transport in 2014, the Minister of Transport request the conditions of crew training establishments transport; Enrollment regulations; Content, training programs; CCCM types; Regulation on examinations, grant, renewal, CCCM for crew members, drivers. Ministry of Transport has coordinated with other ministries, agencies, agencies and localities to build the system of legal documents. Laws and guidelines for the implementation of the Inland Waterway Navigation Law. Up to now, the system of legal documents has been issued to meet the practical requirements in training crew members, drivers, specifically:

+ Circular No. 56/2014 / TT-BGTVT dated October 24, 2014 of the Minister of Communications and Transport prescribes the examination, inspection, grant, re-issue, conversion of certificates of professional competence, crew members of inland waterway transport means and take the title of crew. In particular, there are specific regulations on certificates of professional competence and certificate for crew members, drivers of inland waterway transport means; Qualification requirements, qualification certificates and professional competence and certificate for each position. At the same time, the Circular also specifies the specific conditions for the examination, the examination for the certificate of professional competence, and the professional competence and certificate, according to which graduates of colleges and vocational training for navigating ships or shipbuilding equipment to take the certificate of professional competence of first class captains or chief engineers, without having to attend the corresponding program of the Ministry of Transport.

+ Circular No. 57/2014 / TT-BGTVT dated October 24, 2014 of Minister of Ministry of Transport regulates material and technical bases of vocational training establishments and training programs for crews and drivers of pilot fishing. The circular stipulates the specific contents and training programs for each crew member, the driver of inland waterway transport means. At the same time, the Circular also specifies the requirements of the conditions and criteria of the training institution for crews, drivers of

pilot ships, material foundations, technical equipment and standards for classrooms and workshops. And practice areas, docks, docks, teaching materials, teachers' conditions, basic construction items, functional divisions and other support facilities for organizations, Construction individuals, state agencies shall inspect, appraise and grant certificates of eligibility for operation.

Decision No. 18/2005/QĐ-BGTVT dated March 24, 2005 of the Minister of Communications and Transport stipulating responsibilities and forms of handling violations in training, examinations, crewman, driver of inland waterway means. Vietnamese Inland Waterway Administration is the state management agency in charge of inland waterway transport nationwide and the Departments of Transport of provinces and cities directly under the Central Government manage the training in localities and establishments. Vocational training manages training at their facilities. In recent years, the Inland Waterway Administration of Vietnam has worked closely with the Departments of Transport of provinces and cities directly under the Central Government in inspecting and evaluating the grant of certificates of vocational training establishments qualified for the training of crewmembers. , The driver of inland waterway transport means for job-training establishments, request job-training establishments to announce the training and tuition plans, inspect, examine and supervise job-training establishments in the implementation of the provisions of Laws and plans, content, training programs

The Inland Waterway Administration of Vietnam has initially deployed the application of information technology in the management of training of crewmembers and pilot vessels of inland waterway transport means. At present, management agencies from the central to local level are conducting the update data on crewmembers, drivers of inland waterway transport means nationwide. On the other hand, implementing the online public service delivery plan for the Ministry of Transport's inland waterway administrative procedures, the Vietnam Inland Waterway Department strives to 15/12/2015 to apply Level 3 online services for 10 procedures related to the training of crewmembers, drivers of inland waterway transport means. The network of vocational training of crewmembers is created out to implement the policy of socialization of education and the socialization of education in the field of vocational training. It is abundant and wide nationwide under many different ministries, agencies such as Ministry of Transport, Ministry of Defense, People's Committees of provinces and cities, Vietnam Inland Waterways Administration, City, Department of Labor - Invalids and Social Affairs, enterprises. As of the end of October 2015, there were 39 vocational training centers in the nationwide assessed and granted certificates of qualified students of the boat ranger training. Of which, there are 15 in the North, and seven in the Central, and 17 in the South. The training facilities of the crewmembers, the driver of inland waterway transport means has been formed and strongly developed along the direction of socialization. Of the 39 establishments, there are 01 establishment under the Ministry of Communications and Transport, 02 establishments under the Vietnam Inland Waterways Administration, 25 establishments in the provinces, cities, 03 establishments under the Ministry of Defense, 08 establishments under the companies. Regular and irregular

inspections, and monitoring of the training of crewmembers and the pilot of inland waterway transport means shall be maintained. Annually, the Ministry of Communications and Transport, Vietnam Inland Waterways Administration shall set up inspection teams to inspect and supervise this work in localities and promptly handle violations. The Ministry of Transport has coordinated with other ministries, agencies, ministries and localities to develop a system of legal normative documents and guidelines for the implementation of the Law. So far, the system of legal normative documents has been issued to meet the practical requirements of training crewmen and riders, thereby creating a complete legal corridor to promote and raise High quality training crew, driver inland waterway transport means. In addition, the Ministry of Transport regularly reviews the system of relevant documents to promptly amend, supplement or synthesize the report proposing competent agencies to amend and supplement in the direction of creating favorable conditions. Most for organizations and individuals to participate are in learning. Along the work building the perfect system of legal documents, every year, Vietnam Inland Waterways Administration often organizes conferences in areas across the country to promote communication, dissemination and education of the traffic laws to managers, businesses and the public. The new documents, the new content related to the field of traffic safety, including the training of crew members, the pilot of inland waterway transport means was propagated to the organizations and individuals concerned. Based on the system of legal documents promulgated, Vietnamese Inland Waterway Administration has been active in developing plans and implementing a number of solutions. Monitoring and supervision of the implementation process is also particularly respected by Vietnam Inland Waterways Administration, and all examination councils in 2015 are monitored publicly and transparently.

Over the past years, the training facilities of the crew members, the driver of inland waterway transport means have made great efforts, focused investment and upgrading: The teachers increased in quantity and quality; the program of training crewmembers and steersmen has been renovated to suit the practical situation; Facilities, technical equipment increased in both quantity and quality. Up to now, most of the job-training establishments of crews and drivers of inland waterway transport means have satisfied the conditions on material foundations, technical equipment and learning tools as prescribed. However, besides the achievements, human resources training in traffic safety in the field of safety still reveals shortcomings which need to be overcome in order to meet the requirements of improving the quality of training of the crew. The driver responds to the request in the new situation, namely:

+ At present, there are 39 training establishments qualified for vocational training and certification of crews and drivers of inland waterway transport means. However, the training centers are distributed unevenly, making it difficult for learners to attend school.

+ In the management of training: Currently, the database on license management, professional certification and crew and driver of inland waterway transport means is not completed yet, has not been agreed between training establishments nationwide, leading to the control.

## 2. Proposing the solutions

### *Regarding legal documents and propaganda, dissemination and education of law*

Vietnamese Inland Waterway Administration should regularly review legal documents relating to the training of crew members and the pilot driver in combination with gathering comments from local authorities, Units and individuals. On that basis, it is necessary to synthesize, review, revise and propose competent authorities to amend, supplement and finalize relevant regulations in the direction of overcoming shortcomings and shortcomings. Manage and create the most favorable conditions for people to enforce the law.

In parallel with the development of legal normative documents, legal dissemination and education should be well understood by state management agencies from the central to grassroots levels. The important role of propaganda, advocacy, dissemination and education on traffic law in general and the regulations on train crews and drivers of inland waterway transport means in particular. From this, it is necessary to study, analyze and classify the objects so as to have appropriate propaganda methods in order to incorporate the Law on Traffic and the regulations on the training of crew members and drivers of inland waterway transport means to the people.

### *For the management and training of the Ministry of Communications and Transport and the Inland Waterway Administration of Vietnam*

To build and complete a database on license management, professional certification and crewmembers, pilot of inland waterway transport means. Strengthen the organization of reviewing and checking the morphology and criteria of seafarers and crews' titles for all inland waterway transport means, thereby synthesizing, analyzing and assessing the quality of crew members and the driver of inland waterway transport means to specific quality improvement solutions. Continuing to study and renovate crew management, training, examinations and licensing, professional certification for crews, drivers of pilot ships to meet practical requirements, constantly improve the quality of crew training. And the driver.

### *For craft training establishments, crews of inland waterway means*

Strengthen facilities, technical equipment to meet the requirements of integration and the needs of the labor market. Strengthen training and standardize the contingent of teachers to meet national standards, step by step reaching regional and international standards. Updating and supplementing training programs is regularly created out to ensure the scientific, modern, systematic, practical and flexible response to changes in the labor market; Reasonable distribution of time between the masses of knowledge and professional skills; To ensure the smooth transition between vocational education levels and other training levels in the national education system; When students move from lower level to higher level in the same discipline or when they transfer to another discipline, they do not have to re-learn the contents.

Expand the forms of training, retraining; Strengthening the socialization of training; Strengthen coordination and linkages between units using human resources and training and education facilities to ensure that human resources

have knowledge and skills close to actual work needs and efficient use of human resources. The force has been trained.

The Ministry of Communications and Transport requires that waterway means in the port area or wharf ensure the integrity, leakage, spillage, permeability, spillage of goods and waste from vehicles into the environment.

### 3. Conclusion

Training human resources for the maritime industry is quite specific, because the working environment is on ships floating in the ocean, equipped with modern means of automation, electrification, information technology. Maritime manpower must learn and constantly update new knowledge, how to use the equipment; must have good health, foreign language capital; Must be trained in many coping skills to the water surface environment. In this way, the seafarers have just completed the role of "mobile ambassador" carrying the national flag, stopping at strange banks and connecting with trade and friendship with many countries. Not only is the quality of training required to be high, the current demand for Vietnamese maritime manpower is also very large. By 2020, it is estimated that 42,000 officers and crew members will be trained and fostered. In recent years, due to the great demand for maritime manpower, maritime schools throughout the country have significantly increased the number of training. Each year, Vietnam Maritime University recruits more than 800 students for 2 maritime courses; Ho Chi Minh City University of Transport recruited 250 - 300 students. From a management perspective, the Vietnam Maritime Administration attaches great importance to this work. Particularly in 2019, the Department has collaborated with maritime specialized training schools to open high-quality training courses, fostering human resources for specific industries: 418 officers operating in all grades; 384 officers managing classes; 13 electrical engineering officers; 326 captains and chief engineers of all classes; organize basic pilot training courses and improve maritime navigation for 33 students. In order to create the most favorable conditions for the seafarers, the Vietnam Maritime Administration has continued to maintain the issuance and reissuance of documents for seagoing ships and crewmembers promptly and accurately as prescribed, and at the same time advanced. To reduce the crew members' papers to submit when carrying out the relevant administrative procedures.

### References

1. <http://www.daibieunhandan.vn/default.aspx?tabid=69&ItemId=381154&GroupId=2495>
2. <http://www.vibonline.com.vn/Duthao/2127/03-Du-thao-Thong-tu-quy-dinh-ve-viec-dao-tao-thuyen-vien-nguoi-lai-phuong-tien-thuy-noi-dia.aspx>
3. <http://vbpl.vn/bogiaothong/Pages/vbqp-print.aspx?ItemID=118525>
4. <http://csnd.vn/Home/Nghien-cuu-Trao-doi/1892/Cong-tac-dao-tao-nhan-luc-trong-linh-vuc-an-toan-giao-thong-duong-thuy-noi-dia-o-Viet-Nam>
5. [http://vanban.chinhphu.vn/portal/page/portal/chinhphu/hethongvanban?class\\_id=1&\\_page=59&mode=detail&document\\_id=92731](http://vanban.chinhphu.vn/portal/page/portal/chinhphu/hethongvanban?class_id=1&_page=59&mode=detail&document_id=92731)
6. <http://www.vinamarine.gov.vn/Index.aspx?page=detail&id=2196>
7. <https://mgift.vn/tin-tuc/giao-duc/c/quy-chuan-ky-thuat-co-so-dao-tao-thuyen-vien.html>
8. <http://baochinhphu.vn/Giao-duc/Quy-chuan-ky-thuat-co-so-dao-tao-thuyen-vien/301127.vgp>
9. <http://www.tapchigiaothong.vn/nang-cao-chat-luong-dao-tao-linh-vuc-duong-thuy-noi-dia-d23246.html>
10. <http://duongthuy.edu.vn/%C4%90e-tai-Tham-luan-%C4%90oi-moi-cong-tac-dao-tao-nguon-nhan-luc-thuyen-vien-Mot-trong-nhung-giai-phap-quan-trong-trong-phan-trien-nganh-duong-thuy-noi-dia-587.html>
11. [http://portal.nghean.gov.vn:10040/wps/wcm/connect/web+content/portal\\_na/279\\_slbbg\\_ct/chuyentrangatg/ttth/6f2db5004c1f35d3a321f79ddbfae7d1](http://portal.nghean.gov.vn:10040/wps/wcm/connect/web+content/portal_na/279_slbbg_ct/chuyentrangatg/ttth/6f2db5004c1f35d3a321f79ddbfae7d1)
12. <http://www.baocantho.com.vn/index.php?mod=detnews&catid=2242&p=&id=149133>