

МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
ХЕРСОНСЬКА ДЕРЖАВНА МОРСЬКА АКАДЕМІЯ
КАФЕДРА АНГЛІЙСЬКОЇ МОВИ В СУДНОВОДІННІ

Шифр № XI- МР- СР- Б- 3/8

Реєстр № 2-В2/к-06, А-07, В-08, Р- 14

01.10.2020 рік.

**МЕТОДИЧНІ РЕКОМЕНДАЦІЇ
ДО ВИКОНАННЯ САМОСТІЙНОЇ РОБОТИ**

<i>з дисципліни</i>	Морська англійська мова
<i>факультет</i>	Судноводіння
<i>ступінь вищої освіти</i>	бакалавр
<i>галузь знань</i>	27 «Транспорт»
<i>спеціальність</i>	271 «Річковий та морський транспорт»
<i>спеціалізація</i>	Навігація і управління морськими суднами
<i>курс</i>	I - II
<i>форма навчання</i>	заочна

м. Херсон – 2020

Методичні рекомендації до виконання самостійної роботи з дисципліни «Морська англійська мова» розробили у відповідності з робочою навчальною програмою канд. пед. наук, професор Кудрявцева В. Ф., канд. пед. наук, доцент Ліпшиць Л. В., асистент Від А. С., канд. пед. наук, доцент Фролова О. О.

Методичні рекомендації до виконання самостійної роботи розглянуто та ухвалено на засіданні кафедри англійської мови в судоводінні

07 вересня 2020 р.

протокол № 01

Завідувач кафедри англійської мови в судоводінні



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Валентина ЧЕРНЕНКО

1. Загальні вимоги до вмінь та навичок здобувачів вищої освіти заочної форми навчання

Основною метою навчання здобувачів вищої освіти морської англійської мови є досягнення ними рівня практичного володіння мовою, що в умовах заочної форми навчання означає розвиток вміння самостійно читати морську літературу за фахом з метою здобуття інформації та подальшого її використання у професійній діяльності.

Заочна форма навчання передбачає здобуття певного рівня освіти або кваліфікації без відриву від виробництва, поєднуючи риси самонавчання та очного навчання, та характеризується етапністю. На першому етапі, під час установчої сесії, відбувається отримання здобувачами вищої освіти бази знань і методики для самостійного засвоєння навчальної інформації та формування вмінь та навичок. На другому етапі здобувачі вищої освіти самостійно засвоюють навчальний матеріал, виконують завдання різного характеру. У ході третього етапу проводиться безпосередня перевірка результатів навчання (демонстрація усних компетентностей, виконання письмових завдань, складання заліків та екзаменів, виконання тестів на навчальній платформі Moodle тощо). Проведення цих етапів регламентується графіком навчального процесу заочної форми навчання закладу вищої морської освіти. Міжсесійний період для заочної форми навчання – це частина навчального року, протягом якого здійснюється робота здобувача вищої освіти над засвоєнням навчального матеріалу. Сесія для здобувачів вищої освіти заочної форми навчання – це така частина навчального року, протягом якої реалізуються форми навчального процесу, згідно навчального плану, а саме: практичні заняття, консультації, контрольні заходи.

Важливим фактором, що сприяє розв'язанню завдань підготовки морських фахівців заочної форми навчання, здатних самостійно і творчо працювати в сучасних умовах морського ринку праці та постійно підвищувати свій професійний рівень, виступає організація їх самостійної роботи.

Самостійна робота здобувачів вищої морської освіти заочної форми навчання є невід'ємною складовою освітнього процесу, спрямованого на успішне засвоєння сукупності навичок та вмінь, необхідних для професійного становлення та самовдосконалення майбутніх фахівців.

Ефективно організована самостійна робота здобувачів вищої освіти сприяє формуванню основних мовних та мовленнєвих компетентностей, розвитку мотивації до подальшого оволодіння морською англійською мовою, вдосконаленню словесно-логічного мислення, розвитку письмової компетентності та ін.

Самостійна робота здобувачів вищої освіти являє собою організаційну форму навчання, діяльність якої проходить без особистого контакту між здобувачами та викладачами, але скеровується останніми опосередковано за допомогою навчальних матеріалів. Працюючи самостійно здобувачі вищої освіти опрацьовують навчальний матеріал, готуються до практичних занять, вивчають інформацію інтернет ресурсів, виконують завдання, у тому числі, на навчальній платформі Moodle.

Особливості організації самостійної роботи здобувачів вищої освіти пов'язані зі специфікою їх професійної реалізації у мультинаціональних екіпажах та характеризуються необхідністю у поєднанні навчання та трудової діяльності, самостійного опанування великої кількості фахової інформації.

Мета самостійної роботи здобувачів вищої освіти заочної форми навчання полягає у системному та поетапному засвоєнні дисципліни «Морська англійська мова» та

формуванні самостійності у здобутті, засвоєнні, вдосконаленні набутих знань, вмінь, навичок та подальшим їх практичним використанням у професійній діяльності.

Серед основних завдань самостійної роботи здобувачів вищої освіти при вивченні дисципліни «Морська англійська мова» необхідно виділити наступні: послідовне формування навичок самостійної пізнавальної діяльності, опрацювання та засвоєння відповідного фахового навчального матеріалу, виконання практичних та контрольних завдань, формування вмінь та навичок висококваліфікованих та конкурентоздатних морських фахівців у процесі поєднання самонавчання та очного навчання, поглиблення професійних інтересів та ін.

Дисципліна «Морська англійська мова» належить до циклу професійної та практичної підготовки здобувачів вищої освіти, і на сучасному етапі підготовки фахівців морського торговельного флоту є певною мірою узагальнюючою і систематизуючою, тому у відповідності з діючими положеннями міжнародних конвенцій первинне значення приділяється узагальненню вивченого в процесі навчання англійської мови на попередніх етапах підготовки, а також активізації знань зі спеціальних дисциплін.

Структура, якість, обсяг та зміст компетентностей, знань, умінь здобувачів вищої морської освіти заочної форми навчання з дисципліни «Морська англійська мова» відповідають Стандарту вищої освіти, Кодексу з підготовки і дипломування моряків та несення вахти та модельному курсу 3.17 Міжнародної морської організації.

Навчальна дисципліна «Морська англійська мова» є необхідною складовою частиною підготовки здобувачів вищої освіти. Вивчення дисципліни базується на концептуальних положеннях комунікативно-компетентнісного підходу, принципах взаємопов'язаних видів мовної діяльності, теорії поетапного контекстного навчання. У програмі дисципліни передбачено навчання відповідним алгоритмам комунікативних дій у професійних ситуаціях залежно від рівня функціонування, визначених в ПДНВ.

Дисципліна «Морська англійська мова» націлена на розвиток загально-морських та професійних комунікативних умінь здобувачів вищої освіти заочної форми навчання.

Метою навчання «Морської англійської мови» є оволодіння здобувачами вищої освіти заочної форми навчання англійською мовою спеціального вжитку як засобом спілкування і здійснення в цьому процесі виховання, освіти і розвитку їх особистості, включаючи формування їх комунікативної компетенції, як засобом оформлення або розуміння висловлювань у процесі професійного спілкування.

Поставлена мета передбачає вирішення конкретних завдань, а саме:

- *методичні завдання*: розвивати творче мислення при виконанні практичних завдань у спеціальних навчальних ситуаціях, які вимагають професійної компетенції фахівців морського торговельного флоту;
- *пізнавальні завдання*: формувати у здобувачів вищої освіти початкову теоретичну базу, загальне уявлення про специфіку спілкування на судні та у морському середовищі, які забезпечать необхідну комунікативну спроможність у сферах ситуативного і професійного спілкування в усній та письмовій формах;
- *практичні завдання*: формувати основи вмінь спілкування в соціально-побутових та професійно-орієнтованих ситуаціях, розвивати вміння сприймати на слух аудіо записи та відповідно реагувати, формувати навички читання інструкцій та текстів професійного спрямування, виробити навички використання оригінальної технічної літератури,

розвивати вміння писати особисті та ділові листи, застосовувати здобуті знання при проходженні співбесіди в кріюінгових компаніях та при складанні комп'ютерних тестів.

Вивчення навчальної дисципліни «Морська англійська мова» орієнтовано на формування компетентності «Використання стандартних фраз ММО для спілкування на морі та використання англійської мови у писемній та усній формах», визначеної Кодексом з підготовки і дипломування моряків та несення вахти (Розділ II, Таблиця А-II/I).

1.1 Усні комунікативні компетентності з дисципліни «Морська англійська мова»

Рік навчання 1

Навчальний модуль	Знання, вміння, навички
Модуль 1.1 “Around the World”	<p>Essential Competency: Speak about water bodies, ports and shipping routes in terms of their geographical location, main characteristics and importance for maritime industry</p> <p>1 Describe the location of continents, countries, oceans, canals, straits and ports</p> <ul style="list-style-type: none"> -What water bodies and land masses do you know? -What is the difference between various water bodies? -Where are continents, oceans, seas, canals, straits, countries and ports located? Describe their location on the map. -What man-made waterways do you know? -What purpose do they serve? -What types of ports and port structures are there? Name ten major world ports and describe their location. <p>2 Determine geographical coordinates, directions, distances</p> <ul style="list-style-type: none"> -What are the basic principles and equipment for determining direction and heading at sea? -What are the basic principles and equipment for determining locations and distances at sea? <p>3 Describe shipping routes</p> <ul style="list-style-type: none"> -What do you know about shipping routes and their impact on maritime trade? -What are “Admiralty Sailing Directions” designed for? -What information do they provide seafarers with?
Модуль 1.2 “Types of Cargoes”	<p>Essential Competency: Characterize a cargo type focusing on the possibilities and requirements to its transportation according to SOLAS Convention</p> <p>1 Characterize dry and liquid bulk cargoes</p> <ul style="list-style-type: none"> -What is bulk cargo? -What are dry bulk cargoes and their main properties? -How are they carried by vessels? -What equipment is used for loading and unloading dry / liquid bulk cargoes? -What are liquid bulk cargoes and their main properties? -What liquids are known as edible/non-edible commodities / as dangerous goods? <p>2 Characterize neo bulk and unitized cargo</p> <ul style="list-style-type: none"> -What does the term “neo-bulk” mean? -What examples of neo-bulk cargo and their characteristics can

	<p>you provide?</p> <ul style="list-style-type: none"> -What does the term “unitized” mean? -What examples of unitized cargo do you know? -How popular is unitized cargo in the world maritime trade nowadays? <p>3 <u>Classify the types of packages for break bulk cargo as for their purpose and use</u></p> <ul style="list-style-type: none"> -What packages and their uses do you know? -What do the terms “palletizing” and “crating” mean?
Модуль 1.3 “Types of Ships”	<p>Essential Competency: Describe a ship regarding her type, functions, constructional parts, and principle measurements</p> <p>1 <u>Characterize various ship types</u></p> <ul style="list-style-type: none"> -What types of ships do you know? -What are the main parts of the ship? <p>2 <u>Describe the location and functions of ship external and internal parts</u></p> <ul style="list-style-type: none"> -What are the internal / external parts of the vessel? -What spaces are there in the superstructure? What are they for? -What spaces are there in the hull? What are they for? <p>3 <u>Compare the ships in terms of their measurements</u></p> <ul style="list-style-type: none"> -What ship linear dimensions do you know? -What dimensions are important for a container carrier / a tanker / a bulker? -What are the tonnages of a vessel?
Модуль 1.4 “Crew and Its Tasks”	<p>Essential Competency: Describe key responsibilities of crewmembers focusing on the ship maintenance and watchkeeping procedures according to STCW Convention</p> <p>1 <u>Review the positions and their duties on board</u></p> <ul style="list-style-type: none"> -What departments are there on board a cargo ship? -Who is the head of the Deck / Engine / Catering Department? -What are the officers / petty officers / ratings of the Deck / Engine / Catering Department? -What is Master / Chief Engineer / Electro-Technical Officer responsible for? -What are the duties of the Able Seaman/Motorman/Electrician? -What are the STCW requirements to deck officers / marine engineers / electro-technical officers? <p>2 <u>Give examples of the tools and instruments identifying their purposes for general ship maintenance</u></p> <ul style="list-style-type: none"> -What types of brushes and paints do you know? -How do you prepare the surface for painting? -What essential tools and instruments are used for ship maintenance? <p>3 <u>Describe watchkeeping procedures on board</u></p> <ul style="list-style-type: none"> -What are the OOW responsibilities? (info from the 3 year) -What is a sole look out? -Describe a usual watchkeeping system.
Модуль 1.5 “Personal Safety Aboard”	<p>Essential Competency: List and explain the basics of safe working practices onboard ships</p> <p>1 <u>Describe safety requirements as stipulated by STCW</u></p> <ul style="list-style-type: none"> -What are the safety requirements stipulated by STCW? -What are the main requirements of COSWP as for PPE?

	<p>2 Explain the functions of different items of personal protective equipment/clothing</p> <ul style="list-style-type: none"> -What PPE do you know and what is its functions? -What PPE should a seaman wear when: <ul style="list-style-type: none"> - chipping off rust and lubricating anchoring equipment; - welding hatch covers; - cleaning a hold with special solution; - painting a funnel at the height of 2.5 meters; - cleaning a working area inside machinery spaces? <p>3 Give advice on safe working practices while carrying out specific tasks</p> <ul style="list-style-type: none"> -What kind of hazards are there on a ship and where is a seafarer more likely to face them? -What are the general rules for safe movement around a ship? -What advice can you give to a person who is going: <ul style="list-style-type: none"> - to work with tools; - to enter an enclosed space; - to carry heavy objects? -What groups of warning signs are on board a vessel?
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Рік навчання 2

Навчальний модуль	Знання, вміння, навички
Модуль 2.1 “First Aid on Board”	<p>Essential Competency: Describe symptoms and recommend first aid for a specific disease / injury</p> <p>1 Conclude which of body parts / organs are at greater risk in the seafaring profession</p> <ul style="list-style-type: none"> -What are external/internal body parts/organs and their functions? -What can be harmful for human body parts / organs? -What disease is number one killer in the seafaring career? Why? How can the problem be solved? <p>2 Explain the use of first aid kit items</p> <ul style="list-style-type: none"> -What are the contents of a regular first aid kit? -When and how is an arm sling / -Where are first aid kits located onboard vessels? -How is your personal first aid kit different? <p>3 Describe symptoms and treatment for common illnesses / injuries</p> <ul style="list-style-type: none"> -What are the causes for seafarers’ health problems? -What are common diseases among seafarers, their symptoms and possible ways of preventing? -What injuries are caused by <ul style="list-style-type: none"> - physical hazards - medical emergencies - environmental conditions? -How can injuries be prevented? -What steps should be taken in case of <ul style="list-style-type: none"> - nosebleed - nausea and vomiting - shock

	<ul style="list-style-type: none"> - fracture - burn / scald - poisoning / choking - unconsciousness?
<p>Модуль 2.2 “Emergencies at Sea”</p>	<p>Essential Competency: Speak about shipboard emergencies and actions for their avoidance</p> <p>1 <u>Define different types of emergencies and their causes</u></p> <ul style="list-style-type: none"> -What emergencies can a seafarer encounter at sea? -Why do shipboard emergencies happen? -What is the best way to cope with an emergency? <p>2 <u>Describe the sequence of actions in case of emergency alarm</u></p> <ul style="list-style-type: none"> -What types of alarms are there? -What should your actions be in case of a general alarm? -What are Muster List and Muster Station? -What should you do in case of MOB? -Why are drills conducted on ships? -What are the main requirements for drills? <p>3 <u>Characterize the causes and classes of shipboard fires and describe the procedure of firefighting</u></p> <ul style="list-style-type: none"> -Why do shipboard fires usually occur? -How many classes of fire are there? What are they? -What are your actions in case of fire? -How to choose an appropriate type of fire-extinguisher? -What portable fire-fighting equipment and fixed fire-fighting installations do you know?
<p>Модуль 2.3 “Life-Saving Appliances”</p>	<p>Essential Competency: Speak about life-saving appliances in terms of their stowage, construction and launching procedure</p> <p>1 <u>Explain the functions, stowage and usage of personal LSA</u></p> <ul style="list-style-type: none"> -What IMO documents stipulate requirements to life-saving appliances? -What types of personal and group LSA do you know? Characterize them. <p>2 <u>Explain the functions, stowage and construction of group LSA</u></p> <ul style="list-style-type: none"> -What types of group LSA do you know? Characterize them. -What types of lifeboat / liferaft are there? -How are lifeboats and liferafts distinguished? -What is the lifeboat / liferaft construction? -What is the maximum capacity of the lifeboat? Characterize one type of a lifeboat. -What are the ways and procedure of launching lifeboats / liferafts? -What items are in the lifeboat /liferaft inventory? <p>3 <u>Describe the procedure of abandon ship drills</u></p> <ul style="list-style-type: none"> -What are the four stages of an effective abandon ship drill? -What are the steps of Notification & Mustering stage? -Explain the crew members’ / safety officer’s responsibilities during Notification & Mustering stage? -What are the requirements to the stage of Lowering the boat/raft into the water? <ul style="list-style-type: none"> - in case of calm / severe weather - in case of free-fall boat (FFB) - in case of on load release side boat

	<p>-What are the peculiarities of Embarkation stage?</p> <ul style="list-style-type: none"> - in case of on load release - in case of FFB - during drills <p>-List the pre-requirements for abandoning the ship</p> <p>-When and why is Debriefing stage necessary?</p>
<p>Модуль 2.4 “Marine Pollution Prevention”</p>	<p>Essential Competency: Speak about the causes, consequences, and ways to prevent marine pollution</p> <p>1 <u>Explain the causes and consequences of marine pollution</u></p> <p>-What are the sources of pollution and major pollutants at sea?</p> <p>-How does pollution from ships affect marine environment?</p> <p>2 <u>Summarize the regulations introduced by MARPOL</u></p> <p>-What does MARPOL stipulate?</p> <p>-What does the term ‘special area’ mean?</p> <p>-What are general rules for garbage discharge into the sea?</p> <p>-What equipment is used on board for garbage disposal?</p> <p>-How must plastic items / food waste / paper be disposed of onboard vessels?</p> <p>3 <u>Describe required actions in case of pollution from ships</u></p> <p>-What are the main causes of oil spills?</p> <p>-What methods for oil clean-up are used nowadays?</p> <p>-What does SOPEP mean?</p> <p>-What are the essential SOPEP requirements for a ship?</p>
<p>Модуль 2.5 “Maritime Security”</p>	<p>Essential Competency: Speak about the main guidelines of ISPS Code</p> <p>1 <u>Summarize the main guidelines of ISPS Code</u></p> <p>-What is ISPS Code?</p> <p>-What does ISPS Code stipulate?</p> <p>-How many levels of security does ISPS Code set?</p> <p>-What activities should be carried out at each of the three security levels?</p> <p>2 <u>Describe necessary measures for ensuring a vessel’s security</u></p> <p>-What is Ship Security Plan?</p> <p>-In terms of security, what is meant by</p> <ul style="list-style-type: none"> - unauthorized access - security threat - ship restricted areas? <p>-How is a gangway watch organized?</p> <p>-What are the duties of a gangway watchman? -Why should the life-ring and a safety net around the gangway area be ensured?</p> <p>-What is the procedure of a visitor’s embarkation? What is ID and its function? Why should a visitor be escorted to the definite place aboard?</p> <p>3. <u>Explain preventive measures against piracy attacks and stowaways on board</u></p> <p>-What is piracy?</p> <p>-In what areas are ships more exposed to pirate attacks?</p> <p>-What anti-piracy measures are used nowadays?</p> <p>-What is meant by stowaways?</p> <p>-Where can stowaways hide onboard?</p> <p>-What are IMO recommended practices to prevent persons attempting to stowaway on board ships?</p>

-How should the crew act in case of stowaways on board?

Рік навчання 3

Навчальний модуль	Знання, вміння, навички
Модуль 3.1 “Bridge Equipment”	<p>Essential Competency: Characterize the working principles of bridge equipment</p> <p>1 Explain the functions of the navigational equipment</p> <ul style="list-style-type: none"> -What are structural parts of the bridge? -What navigational equipment is on the bridge? -What equipment is located on <ul style="list-style-type: none"> - the bridge wings - inside the bridge? -What bridge equipment is used for <ul style="list-style-type: none"> - communication - steering the vessel - passage planning - position-fixing? -What services does <ul style="list-style-type: none"> - a radar - GMDSS - ECDIS provide? <p>2 Use a checklist for briefing on navigational equipment and its status</p> <ul style="list-style-type: none"> -What is Checklist “Familiarization with Bridge Equipment” about? -What key points for effective familiarization with bridge equipment should bridge personnel be aware of? -What IMO documents specify requirements to the familiarization of personnel with ship equipment and onboard procedures? <p>3 Describe the functions of chart plotting instruments</p> <ul style="list-style-type: none"> -What plotting instruments does a plotting kit contain? -How different are the functions of chart plotting instruments? -How does should <ul style="list-style-type: none"> - dividers - a technical compass - a parallel ruler - a protractor be used for chart reading and plotting course? -Do mariners need a speed time distance calculator when correcting paper charts? What for?
Модуль 3.2 “Underway”	<p>Essential Competency: Tell about the necessary and appropriate actions of the bridge team members in maneuvers and collision avoidance situations according to COLREG</p> <p>1 Comment on COLREG Rules 1-3</p> <ul style="list-style-type: none"> -What vessels shall COLREG rules apply to? -What is the meaning of the terms <ul style="list-style-type: none"> - power driven vessel - sailing vessel - vessel engaged in fishing - vessel not under command

	<ul style="list-style-type: none"> - vessel restricted in her ability to maneuver - vessel constrained by her draft <p>2 Comment on COLREG Rules 5-8</p> <ul style="list-style-type: none"> -Why shall every vessel maintain a proper look-out by sight as well as by hearing at all times? -What factors shall be among those taken into account in determining a safe speed? <ul style="list-style-type: none"> - by all vessels - by vessels with operational radar -What actions shall be taken to avoid collision? <p>3 Comment on COLREG Rules 13-15</p> <ul style="list-style-type: none"> -What is the rule for any vessel overtaking any other? -How shall each vessel alter her course when two power-driven vessels are meeting on reciprocal or nearly reciprocal courses? -How shall the vessel which has the other on her own starboard side act when two power-driven vessels are crossing?
<p>Модуль 3.3 “Communication at Sea”</p>	<p>Essential Competency: Speak about communication at sea in terms of COLREG Rules 32, 33, 34, visual signals used at sea, routine / distress / urgency / safety radio traffic</p> <p>1 Interpret visual and sound signals used at sea</p> <ul style="list-style-type: none"> -What means of visual signaling do you know? -What is the main difference in using lights and shapes? -Where onboard must shapes be exhibited? -What sound devices are used at sea? How long do short and prolonged blasts sound? What do three short blasts mean? <p>2 Interpret manoeuvring and warning signals</p> <ul style="list-style-type: none"> -How will you inform the other vessels about your intentions to alter the course? -How are signaling flags used at sea? How are letters and numbers pronounced by VHF? -How is position transmitted? <p>3 Simulate routine / distress / urgency / safety radio traffic</p> <ul style="list-style-type: none"> -What is the order of priority of Distress, Urgency and Safety messages? -What are the marker-words of Distress, Urgency and Safety messages? -What situations are Distress, Urgency and Safety transmissions made in?
<p>Модуль 3.4 “Anchoring”</p>	<p>Essential Competency: Describe anchoring equipment and its maintenance; explain how to prepare for anchorage; summarize safety measures while anchoring procedure; understand and respond correctly to the commands and SMCP for anchoring</p> <p>1 Describe the anchor gear</p> <ul style="list-style-type: none"> -What types of anchors do you know? What is the difference between them? -What are the parts of anchor? What are the parts of anchoring equipment? -How many shackles are there in an anchor chain? How are the shackles marked? <p>2 Describe anchoring procedure</p> <ul style="list-style-type: none"> -What should be done for proper maintenance of windlass and anchoring equipment?

	<p>-What factors should be discussed with the anchoring party before proceeding with anchoring operations?</p> <p>-How to check the sea depth and bottom conditions? What factors should you pay attention to?</p> <p>-How to choose what anchor to let go?</p> <p>-What anchoring methods do you know? Tell about them.</p> <p>3 Summarize safe anchoring practice measures</p> <p>-What safety measures should be followed while anchoring procedure?</p> <p>-What is the OOW's duty when riding at anchor?</p> <p>-How is anchor position and chain stay reported?</p> <p>-What lights and shapes are exhibited when the ship is lying at anchor?</p>
<p>Модуль 3.5 "Mooring"</p>	<p>Essential Competency: Provide information on berthing focusing on mooring equipment, types of ropes, commands, SMCP, safety measures</p> <p>1 Describe actions when berthing; respond correctly to SMCP for mooring</p> <p>-How do ships make fast to a wharf?</p> <p>-What speed should a ship approach the berth at?</p> <p>-What is a mooring system made up of?</p> <p>-What should be ready for berthing on deck?</p> <p>-What is the ship's headway used for?</p> <p>-What should be done if the ship has too much headway?</p> <p>-What are some very common methods of mooring?</p> <p>2 Characterize mooring lines</p> <p>-When the ship has approached the berth which line is passed ashore first?</p> <p>-What other lines are run out from the ship and secured to the bollards ashore?</p> <p>-What lines (or cables) are used to secure a ship at a berth?</p> <p>-What is the position and purpose of</p> <ul style="list-style-type: none"> - breast lines - head lines - spring lines - stern lines <p>3 Demonstrate understanding of safety measures to be taken while mooring</p> <p>-Why should the mooring lines be constantly watched?</p> <p>-Why should we veer in the ropes from time to time?</p> <p>-When should we veer them out?</p> <p>-In what weather should we double up the lines?</p> <p>-How should the lines be watched if the weather is changeable?</p> <p>-Why should seamen work with mooring lines with great caution?</p> <p>-What special safety precautions must be followed while mooring?</p>

Рік навчання 4

Навчальний модуль	Знання, вміння, навички
Модуль 4.1 “Bridge Procedures”	<p>Essential competency: Determine the elements of efficient bridge teamwork</p> <p>1 <u>Speak about the bridge team composition, bridge personnel duties, and aspects of efficient teamwork</u></p> <ul style="list-style-type: none"> -What are bridge team members? -How must the bridge team work? <p>2 <u>Describe key responsibilities of the OOW, understand and use SMCP for taking over watchkeeping responsibilities</u></p> <ul style="list-style-type: none"> -Why is watchkeeping a critical operation on board? -What is necessary for good watchkeeping? -Why is the Watch Officer the master’s representative? -What are the duties of OOW? -What are the duties of a relieving officer? -When is it prohibited to hand over the watch? -What are the circumstances to call the Master? <p>3 <u>Define the principles, the four stages of achieving a safe passage plan, and constraints of passage planning</u></p> <ul style="list-style-type: none"> -What is a voyage plan? -What is the difference between passage planning and voyage planning? -How do you create a passage plan? -What are the 4 stages of passage planning? -What is the importance of chart Catalogue in voyage planning? -What is abort point in passage planning? -Who shall verify a passage plan? -What should be taken into consideration while planning a passage?
Модуль 4.2 “Aids to Navigation”	<p>Essential competency: Describe aids to navigation</p> <p>1 <u>Define aids to navigation and their purposes</u></p> <ul style="list-style-type: none"> -What devices are known as aids to navigation? -What are their types and purposes? -What three features describe the navigation light? -Explain the most common types of phase characteristic. -What nautical publication should be addressed to update information on aids to navigation? What does it contain? <p>2 <u>Describe buoys by types and read a chart</u></p> <ul style="list-style-type: none"> -What are the six types of navigation buoys and their purposes? Describe them in detail. -Read the nautical chart symbols. <p>3 <u>Explain IALA Buoyage System</u></p> <ul style="list-style-type: none"> -What is IALA? -What is IALA Buoyage System? -How are all marks within the IALA system distinguished by?
Модуль 4.3 “Pilotage”	<p>Essential competency: Describe basic procedures of pilotage</p> <p>1 <u>Describe the procedure of a pilot request</u></p> <ul style="list-style-type: none"> -What is a pilot of a ship? -What are a pilot’s duties? -What information should be requested in the pilot card?

	<p>-How is a pilot request organized? <u>2 Provide guidelines on embarking / disembarking a pilot</u> -What are basic requirements to the pilot boarding ground? -How is a pilot ladder and access equipment used? <u>3 Describe the responsibilities of the bridge team with a pilot onboard</u> -How shall a pilotage plan be prepared? -What are the bridge team responsibilities under pilotage? -What are the responsibilities of a pilot on the bridge? -How shall Master / Pilot Exchange of information be organized?</p>
<p>Модуль 4.4 “Meteorology”</p>	<p>Essential competency: speak about meteorological information for safe navigation <u>1 Read and understand the weather maps</u> -What are weather precipitations? -What are the states of sky? -What information is possible to know from weather map? <u>2 Describe the wind type, its direction and force using SMCP and the sea state using the Beaufort scale</u> -What are the types of wind? -What are the fronts? What is their meaning for navigation? -How is the wind direction determined in the chart? -What information is given in the Beaufort scale? -What are the types of ship’s motions? -What are the tides and tidal currents? -How to read a Tidal Table? <u>3 Report about weather conditions according to a NAVTEX message</u> -What are the elements of a NAVTEX message? -What are the classes of NAVTEX message? -What does a transmitter identity in a NAVTEX message mean?</p>
<p>Модуль 4.5 “Navigation Challenges”</p>	<p>Essential competency: Describe watchkeeping duties in conditions of narrow channels / TSS / coastal waters / congested waters / restricted visibility <u>1 Compare conduct of vessels in narrow channels (COLREG Rules 9, 34), in coastal and congested waters</u> -What should a vessel do while passing through narrows and canals? -What sound signals are used when overtaking in the narrow channel? -What do the terms “congested waters” and “coastal waters” mean? -How different are precautions when navigating in congested waters / coastal waters? <u>2 Explain sailing within the limits of a traffic separation scheme (COLREG Rule 10)</u> -How must a vessel proceed while using TSS? -Are there any ships allowed not to follow the Rule 10? -What ships can use inshore traffic zone? -When is it possible for a vessel to use inshore traffic zone? <u>3 Demonstrate understanding of precautions to be taken while navigating in restricted visibility (COLREG Rules 19, 35)</u> -What are the factors affecting visibility at sea?</p>

	<p>-What does the term “restricted visibility” mean?</p> <p>-What precautions should be taken when navigating in restricted visibility?</p>
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Рік навчання 5

Навчальний модуль	Знання, вміння, навички
Модуль 5.1 “Solid Bulk Cargo Handling”	<p>Essential competency: Recommend safety precautions on solid bulk cargo handling in terms of IMSBC Code provisions, hold clean-up operations, and ways of keeping solid bulk cargoes dry and safe</p> <p>1 Summarize IMSBC Code provisions on safe stowage and shipment of solid bulk cargoes</p> <p>-What are solid bulk cargoes?</p> <p>-What does the International Maritime Solid Bulk Cargoes (IMSBC) Code stipulate?</p> <p>-How different are characteristics of Classes A, B, and C of solid bulk cargoes?</p> <p>-Are grains hazardous or non-hazardous?</p> <p>-What are the provisions of the International Code for the Safe Carriage of Grain in Bulk?</p> <p>-What are the requirements to accepting solid bulk cargoes for shipment?</p> <p>2 Explain hold clean-up procedures</p> <p>-Cargo hold cleaning: why does it matter?</p> <p>-What should the crew do prior to commencing the clean-up operation?</p> <p>-How strict are the standards for hold cleanliness?</p> <p>-What are typical bulk cargoes requiring hospital clean holds?</p> <p>3 Determine the causes of solid bulk cargo damage and ways to avoid them</p> <p>-What hazards are associated with carrying solid bulk cargoes?</p> <p>-How is solid bulk cargo loaded / unloaded?</p> <p>-What are the causes of losses and liquefaction concerning solid cargoes in bulk?</p> <p>-How to reduce the risk of solid bulk cargo liquefaction / cargo loss?</p>
Модуль 5.2 “Liquid Bulk Cargo Handling”	<p>Essential competency: Describe safe practice of liquid cargo handling</p> <p>1 Compare tanker types and the cargoes they carry</p> <p>-How are shipping tankers classified</p> <ul style="list-style-type: none"> - by type / purpose - by size - by the cargo containment system? <p>-What are the differences in construction and purposes of</p> <ul style="list-style-type: none"> - an LNG carrier - an LPG carrier - a product tanker - an oil tanker - a chemical tanker - a shuttle tanker? <p>2 Explain tank clean-up procedures</p>

	<ul style="list-style-type: none"> -What should be done before making an entry for tank cleaning? -What PPE and devices are used for cleaning tanks on ships? -What types of tank cleaning up methods do you know? -How do you remove sludge from an oil tank? -How do you clean liquid cargo residues out of an oil tank? <p>3 <u>Characterize the causes of liquid bulk cargo damage and ways to avoid them</u></p> <ul style="list-style-type: none"> -How is liquid bulk cargo loaded / unloaded? -How to live with hazardous cargoes? -How to prevent cargo contamination? -What measures must be taken to avoid cargo shortage? -What are the major causes of tanker accidents?
<p>Модуль 5.3 “Container Cargo Handling”</p>	<p>Essential competency: Speak about container securing in terms of securing and lashing equipment, safety measures and rules for damage avoidance</p> <p>1 <u>Provide general information on container cargo handling</u></p> <ul style="list-style-type: none"> -What are container types? -What are their dimensions? -Who develops a container stowage plan? -What provisions does the CSS Code (Code of safe Practice for cargo stowage and securing) stipulate? <p>2 <u>Outline the basic guidelines on container stowage and securing</u></p> <ul style="list-style-type: none"> -What are the guidelines for containers stowage? -How to stow containers to prevent their damage in heavy weather? -What are some of the important container securing devices and instruments? What are their purposes? -What types of twistlocks, their characteristics and principles of work do you know? -What lashing systems do you know? What are their main characteristics? -How to be safe while stowing, securing and lashing containers? -How must the ship’s crew and stevedores collaborate? <p>3 <u>Characterize the causes of container damages and ways to avoid them</u></p> <ul style="list-style-type: none"> -What actions should be done for loading / discharging containers on board? -What types of container damage are there? -How to prevent potential hazards on a container carrier during the voyage? -What are the causes of fire in containers? -Who is responsible for damage during shipping?
<p>Модуль 5.4 “Heavy Lift Cargo Handling”</p>	<p>Essential competency: Characterize a heavy lift cargo type focusing on its specific features and requirements to its stowage, securing and transportation</p> <p>1 <u>Describe types of heavy-lift ships</u></p> <ul style="list-style-type: none"> -What type of cargo is called Project cargo / Heavy cargo? -What difficulties does such cargo present? -What types of vessels carry heavy cargo? Describe their design. -What are technical requirements to heavy lift ships? -What load-up methods do you know? -How do the crane operator and the signaler collaborate while

	<p>lifting and loading cargoes?</p> <p>2 <u>Speak about the basic guidelines on heavy lift cargo stowage and securing</u></p> <ul style="list-style-type: none"> -What types of fastenings are used for securing heavy cargo? -What advantages and disadvantages are characteristic of rigid and flexible sea-lashings for heavy cargoes? -What factors should be taken into consideration to provide vessel stability? -Is dunnage for heavy cargoes necessary or obligatory? -What guidelines should be followed to ensure safety of heavy cargo handling <p>3 <u>Characterize the causes of heavy lift cargo damages and ways to avoid them</u></p> <ul style="list-style-type: none"> -What's friction? -What happens if friction is insufficient? -What should be done to enforce friction? -What is described by <ul style="list-style-type: none"> - bracing - chafing - shifting - shoring - sliding - tipping - grillage -What instructions on securing against sliding and tipping should be followed? -What types of heavy cargo damage are there? -How to prevent potential hazards on a heavy lift vessel during voyage?
<p>Модуль 5.5 “Dangerous Cargo Handling”</p>	<p>Essential competency: Characterize a dangerous cargo type focusing on its specific features and requirements to transportation</p> <p>1 <u>Identify IMDG classes and hazards associated with each class</u></p> <ul style="list-style-type: none"> - What goods are considered to be dangerous? Why? - What is the classification of dangerous goods: classes, subdivisions, properties, and examples? <p>2 <u>Demonstrate understanding of MARPOL, SOLAS and IMDG Code requirements to DG transportation</u></p> <ul style="list-style-type: none"> -What regulations on carriage and handling of dangerous goods do you know? -What information should be verified with the IMDG Code? -What is the purpose, layout and the Amendment Cycle of the IMDG Code? -What is the purpose and structure of the Dangerous goods list? -How shall packages with dangerous goods be marked and labeled? -What information about DG cargo can be found in the safety data sheet? -How shall DG cargoes be stowed and segregated? -What types of Emergency Response Procedures for Ships Carrying Dangerous Goods are there? <p>3 <u>Characterize the causes of dangerous goods damages and ways</u></p>

	<p>to avoid them; use SMCP to describe actions in case of emergency</p> <p>-What are the key elements of DG transportation?</p> <p>-What safety precautions should be taken during DG transportation?</p> <p>-What types of heavy cargo damage are there?</p> <p>-How to prevent potential hazards on a heavy lift vessel during the voyage?</p> <p>-What are the Shipper and Carrier Responsibilities?</p>
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1.2 Письмові комунікативні компетентності

Рік навчання	Письмова комунікативна компетентність
Курс 1	<p>Напишіть повідомлення з попередженням про ризики та нагадування про безпечну практику на судні</p> <p>Write a notice warning against a specific risk on board and provide a reminder on safe practice on board</p>
Курс 2	<p>Напишіть службову записку із описом заходів щодо забезпечення безпеки судна</p> <p>Write a memo describing measures for ensuring vessel security</p>
Курс 3	<p>Розробіть рекомендації щодо оцінювання навігаційної ситуації та прийняття рішення: а) коли судна знаходяться на виду одне в одного; в) за будь-якої видимості</p> <p>Design guidelines on assessment of the navigational situation and decision making: a) when vessels are in sight of one another; b) in any condition of visibility</p>
Курс 4	<p>Складіть письмовий акт про події, що сталися під час морського проходу</p> <p>Write a report of events that occurred during a sea passage</p>
Курс 5	<p>Напишіть звіт про пошкодження вантажу</p> <p>Write a report on damage to cargo</p>

2. Тематичний план навчального курсу

Рік навчання	№ з/п	Тематичні модулі
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Курс 1	1.	Around the World
	2.	Types of Cargoes
	3.	Types of Ships
	4.	Crew and Its Tasks
	5.	Personal Safety Aboard
Курс 2	1.	First Aid on Board
	2.	Emergencies at Sea
	3.	Life-Saving Appliances
	4.	Marine Pollution Prevention
	5.	Maritime Security
Курс 3	1.	Bridge Equipment
	2.	Underway
	3.	Communication at Sea
	4.	Anchoring
	5.	Mooring
Курс 4	1.	Bridge Procedures
	2.	Aids to Navigation
	3.	Pilotage
	4.	Meteorology
	5.	Navigation Challenges
Курс 5	1.	Solid Bulk Cargo Handling
	2.	Liquid Bulk Cargo Handling
	3.	Container Cargo Handling
	4.	Heavy Lift Cargo Handling
	5.	Dangerous Cargo Handling

3. План практичних занять

№ з/п	Вид заняття	Тема заняття	Обсяг аудиторних годин	Обсяг годин самостійної роботи
Курс 1				
1.	ПЗ	Classification of cargoes	2	12
2.	ПЗ	Hull and superstructure design	2	10
3.	ПЗ	Accommodation spaces	2	6
4.	ПЗ	Classification of ships	2	6
5.	ПЗ	Ship's crew	2	6
6.	ПЗ	Ship maintenance	2	6
7.	ПЗ	Personal protective equipment	2	10
8.	ПЗ	Safe working practices	2	18
Всього за курс			16	74
Курс 2				
1.	ПЗ	Non-emergency/emergency first aid	2	12
2.	ПЗ	Shipboard Emergencies	2	6
3.	ПЗ	Fire-fighting	2	6
4.	ПЗ	Personal and group LSA	2	8
5.	ПЗ	Pollution Prevention	2	12
6.	ПЗ	SOPEP	2	14
7.	ПЗ	Maritime security	2	8

8.	ПЗ	Boarding Procedure	2	8
Всього за курс			16	74
Курс 3				
1.	ПЗ	Navigational Equipment	2	6
2.	ПЗ	Conduct of Vessels in Any Condition of Visibility	2	9
3.	ПЗ	Conduct of Vessels in Sight of One Another	2	9
4.	ПЗ	Marine Radio Traffic	2	8
5.	ПЗ	Radio Procedures		10
6.	ПЗ	At anchor	2	6
7.	ПЗ	Anchor Watch	2	8
8.	ПЗ	Safe Mooring Practice	2	6
9.	ПЗ	Mooring Equipment Maintenance	2	10
Всього за курс			18	72
Курс 4				
1.	ПЗ	Watch Officer Duties	2	8
2.	ПЗ	IALA buoyage system	2	12
3.	ПЗ	Cardinal buoys	2	6
4.	ПЗ	Pilotage Arrangements	2	12
5.	ПЗ	Pilot Request	2	13
6.	ПЗ	Weather maps	2	14
7.	ПЗ	NAVTEX	2	8
8.	ПЗ	Navigation in narrows and traffic lanes	2	6
9.	ПЗ	Navigation in narrows	2	8
Всього за курс			18	87
Курс 5				
1.	ПЗ	Hold Maintenance	2	5
2.	ПЗ	Solid Bulk transportation requirements	2	8
3.	ПЗ	Container Securing equipment	2	4
4.	ПЗ	Container Securing	2	9
5.	ПЗ	Heavy Cargo	2	8
6.	ПЗ	Safe Practice on Heavy Lifts	2	11
7.	ПЗ	Dangerous Goods Classification	2	6
8.	ПЗ	Safe Practice for Liquid Cargo Transportation	2	8
Всього за курс			16	59

Тема заняття	Література
Курс 1	
1. Classification of cargoes (bulk cargo, general cargo, liquid cargo, containerized cargo, heavy lift cargo)	Welcome Aboard (Module 2 Types of Cargoes) ¹⁷ English for the Maritime Industry (Unit 15) ⁵
2. Hull and superstructure design	Welcome Aboard (Module 3 Types of Ships) ¹⁷ English for the Maritime Industry (Unit 1) ⁵

(hull, hold, superstructure, tank, bulwark, stern, forecastle)	English for Mariners (Unit 1 Level 1; Unit 1 Level 2) ⁴ The International Maritime Language Programme (Unit 2) ¹⁰
3. Accommodation spaces	Welcome Aboard (Module 3 Types of Ships) ¹⁷ English for the Maritime Industry (Unit 1) ⁵ English for Mariners (Unit 1 Level 1; Unit 1 Level 2) ⁴
4. Classification of ships (container ship, bulker, tanker, heavy-lift vessel, special purpose ship)	Welcome Aboard (Module 3 Types of Ships) ¹⁷ English for the Maritime Industry (Unit 1) ⁵ English for Mariners (Unit 1 Level 1; Unit 1 Level 2) ⁴ The International Maritime Language Programme (Unit 2) ¹⁰
5. Ship's crew (master, chief engineer, AB seaman, deck cadet, chief officer)	Welcome Aboard (Module 4 Crew and Its Tasks) ¹⁷ English for the Maritime Industry (Unit 2) ⁵ 21 st Century Seamanship (Chapter 15) ¹⁸ 21 st Century Seamanship (Chapter 34) ¹⁸
6. Ship maintenance	Welcome Aboard (Module 4 Crew and Its Tasks) ¹⁷ English for the Maritime Industry (Unit 2) ⁵ 21 st Century Seamanship (Chapter 15) ¹⁸ 21 st Century Seamanship (Chapter 34) ¹⁸
7. Personal protective equipment (helmet, overall, safety shoes, goggles, gloves)	Welcome Aboard (Module 5 Personal Safety Aboard) ¹⁷ SOLAS ¹⁶ Code of Safe Working Practice Available at: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/282659/coswp2010.pdf ¹⁹
8. Safe working practices (tools and instruments)	Welcome Aboard (Module 5 Personal Safety Aboard) ¹⁷ SOLAS ¹⁶ Code of Safe Working Practice Available at: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/282659/coswp2010.pdf ¹⁹

№ з/п	Тема заняття	Література
Курс 2		
1.	Non-emergency/emergency first aid (first aid kit, burns, cuts, fractures)	Seven Seas Ahead (Module 1 First Aid on Board) ¹⁵ English for the Maritime Industry (Unit 10) ⁵ International Medical Guide for Ships ⁸
2.	Shipboard Emergencies (fire, collision, grounding, MOB, flooding)	Seven Seas Ahead (Module 2 Emergencies at Sea) ¹⁵ English for Mariners (Unit 2 Level 1; Unit 2 Level 2) ⁴ 21 st Century Seamanship (Chapter 38, 39) ¹⁸
3.	Fire-fighting (fire hose, blanket, extinguishers, fire-fighting systems)	Seven Seas Ahead (Module 2 Emergencies at Sea) ¹⁵ English for Mariners (Unit 2 Level 1; Unit 2 Level 2) ⁴ 21 st Century Seamanship (Chapter 38, 39) ¹⁸
4.	Personal and group LSA (liferaft, life-jacket, free fall life	Seven Seas Ahead (Module 3 Life-Saving Appliances) ¹⁵ LSA Code ¹¹

	boat)	
5.	Pollution Prevention (MARPOL, SOPEP)	Seven Seas Ahead (Module 4 Marine Pollution Prevention) ¹⁵ MARPOL ¹³
6.	SOPEP	Seven Seas Ahead (Module 4 Marine Pollution Prevention) ¹⁵ MARPOL ¹³
7.	Maritime security (ISPS Code, Levels of Security)	Seven Seas Ahead (Module 5 Maritime Security) ¹⁵ ISPS Code ⁹ 21 st Century Seamanship (Chapter 39) ¹⁸
8.	Boarding Procedure	Seven Seas Ahead (Module 5 Maritime Security) ¹⁵ ISPS Code ⁹ 21 st Century Seamanship (Chapter 39) ¹⁸
Kypc 3		
1.	Navigational Equipment (radar, compass, GPS, ECDIS, ARPA)	Lucky Voyage (Module 1 Bridge Equipment) ¹² Bridge Procedures Guide (Chapter 'Operation of Bridge Equipment') ² English for the Maritime Industry (Unit 6) ⁵
2.	Conduct of Vessels in Any Condition of Visibility (safe speed, sound signals)	Lucky Voyage (Module 2 Underway) ¹² English for the Maritime Industry (Unit 11) ⁵ COLREGS ³
3.	Conduct of Vessels in Sight of One Another (radar, VHF, keep clear)	Lucky Voyage (Module 2 Underway) ¹² English for the Maritime Industry (Unit 11) ⁵ COLREGS ³
4.	Marine Radio Traffic (distress, safety, urgency)	Lucky Voyage (Module 3 Communication at Sea) ¹² English for the Maritime Industry (Unit 9) ⁵ COLREGS ³ SMCP ⁷
5.	Radio Procedures	Lucky Voyage (Module 3 Communication at Sea) ¹² English for the Maritime Industry (Unit 9) ⁵ COLREGS ³ SMCP ⁷
6.	At anchor (swinging room, anchor, commands)	Lucky Voyage (Module 4 Anchoring) ¹² 21 st Century Seamanship (Chapter 8) ¹⁶ SMCP ⁷
7.	Anchor Watch	Lucky Voyage (Module 4 Anchoring) ¹² 21 st Century Seamanship (Chapter 8) ¹⁶ SMCP ⁷
8.	Safe Mooring Practice (mooring arrangement, berth, ropes)	Lucky Voyage (Module 5 Mooring) ¹² English for the Maritime Industry (Unit 14) ⁵ 21 st Century Seamanship (Chapter 10) ¹⁸ SMCP ⁷
9.	Mooring Equipment Maintenance	Lucky Voyage (Module 5 Mooring) ¹² English for the Maritime Industry (Unit 14) ⁵ 21 st Century Seamanship (Chapter 10) ¹⁸ SMCP ⁷
Kypc 4		
1.	Watch Officer Duties (bridge, GMDSS, master's representative)	Across the Ocean (Module 1 Bridge Procedures) ¹ Bridge Procedures Guide (Chapter 'Effective Bridge Organization', Chapter 'Checklists')
2.	IALA buoyage	Across the Ocean (Module 2 Aids to Navigation) ¹

	system (safe water mark, lateral marks, cardinal marks)	The International Maritime Language Programme (Unit 4) ¹⁰
3.	Cardinal buoys	Across the Ocean (Module 2 Aids to Navigation) ¹ The International Maritime Language Programme (Unit 4) ¹⁰
4.	Pilotage Arrangements (pilot boarding arrangements)	Across the Ocean (Module 3 Pilotage) ¹ Bridge Procedures Guide (Chapter 'Pilotage') ² English for the Maritime Industry (Unit 13) ⁵ 21 st Century Seamanship (Chapter 6) ¹⁸ SMCP ⁷
5.	Pilot Request	Across the Ocean (Module 3 Pilotage) ¹ Bridge Procedures Guide (Chapter 'Pilotage') ² English for the Maritime Industry (Unit 13) ⁵ 21 st Century Seamanship (Chapter 6) ¹⁸ SMCP ⁷
6.	Weather maps (wind, precipitation)	Across the Ocean (Module 4 Meteorology) ¹ English for the Maritime Industry (Unit 8) ⁵ English for Mariners (Unit 4 Level 1; Unit 4 Level 2) ⁴
7.	NAVTEX (messages, safety, warnings)	Across the Ocean (Module 4 Meteorology) ¹ English for the Maritime Industry (Unit 8) ⁵ English for Mariners (Unit 4 Level 1; Unit 4 Level 2) ⁴
8.	Navigation in narrows and traffic lanes (COLREG, sound signals, safe passage)	Across the Ocean (Module 5 Navigation Challenges) ¹ Bridge Procedures Guide (Chapter 'Checklists') ² 21 st Century Seamanship (Chapter 11) ¹⁸ COLREGS ³ SMCP ⁷
9.	Navigation in narrows	Across the Ocean (Module 5 Navigation Challenges) ¹ Bridge Procedures Guide (Chapter 'Checklists') ² 21 st Century Seamanship (Chapter 11) ¹⁸ COLREGS ³ SMCP ⁷
Kypc 5		
1.	Hold Maintenance (bulk cargo transportation)	Sail Safe (Module 1 Solid Bulk Cargo Handling) ¹⁴ IMSBC Code <i>Available at:</i> https://www.ukpandi.com/fileadmin/uploads/uk-pi/LP%20Documents/IMSBC%20Code%20pocket%20guide.pdf 21 st Century Seamanship (Chapter 1) ¹⁶ SMCP ⁷
2.	Solid Bulk transportation requirements	Sail Safe (Module 1 Solid Bulk Cargo Handling) ¹⁴ IMSBC Code <i>Available at:</i> https://www.ukpandi.com/fileadmin/uploads/uk-pi/LP%20Documents/IMSBC%20Code%20pocket%20guide.pdf ²³ 21 st Century Seamanship (Chapter 1) ¹⁸ SMCP ⁷
3.	Container Securing equipment (container lashing equipment)	Sail Safe (Module 3 Container Cargo Handling) ¹⁴ A Master's Guide to Container Securing <i>Available at:</i> https://www.standard-club.com/media/24168/AMastersGuidetoContainerSecuring2ndEdition-3.pdf ²² 21 st Century Seamanship (Chapter 1) ¹⁸ SMCP ⁷
4.	Container Securing	Sail Safe (Module 3 Container Cargo Handling) ¹⁴

		A Master's Guide to Container Securing <i>Available at:</i> https://www.standard-club.com/media/24168/AMastersGuidetoContainerSecuring2ndEdition-3.pdf ²² 21 st Century Seamanship (Chapter 1) ¹⁸ SMCP ⁷
5.	Heavy Cargo	Sail Safe (Module 4 Heavy Lift Cargo Handling) ¹⁴ UK P&I CLUB Project Cargo Matters <i>Available at:</i> https://www.ukpandi.com/fileadmin/uploads/uk-pi/LP%20Documents/Project_cargo_matters_proof_7.pdf ²¹ 21 st Century Seamanship (Chapter 48) ¹⁸ SMCP ⁷
6.	Safe Practice on Heavy Lifts	Sail Safe (Module 4 Heavy Lift Cargo Handling) ¹⁴ UK P&I CLUB Project Cargo Matters <i>Available at:</i> https://www.ukpandi.com/fileadmin/uploads/uk-pi/LP%20Documents/Project_cargo_matters_proof_7.pdf ²¹ 21 st Century Seamanship (Chapter 48) ¹⁸ SMCP ⁷
7.	Dangerous Goods Classification	Sail Safe (Module 5 Dangerous Cargo Handling) ¹⁴ IMDG Code ⁶ SMCP ⁷
8.	Safe Practice for Liquid Cargo Transportation (liquid cargo, safety measures)	Sail Safe (Module 2 Liquid Bulk Cargo Handling) ¹⁴ 21 st Century Seamanship (Chapter 2) ¹⁸ International Safety Guide for Oil Tankers & Terminals <i>Available at:</i> http://www.idgca.org/doc/app2_290115.pdf ²⁰ SMCP ⁷

4. Зміст контрольної роботи здобувачів вищої освіти заочної форми навчання

Контрольна робота здобувачів вищої освіти заочної форми навчання складається з двох тестів, розміщених на платформі дистанційного навчання Moodle. Для виконання контрольної роботи здобувач повинен впевнитися, що він зареєстрований у системі і його логін і пароль достовірні. Тести розташовані у навігаційному секторі Головна сторінка – Херсонська державна морська академія – Кафедра англійської мови в судноводінні – Distance learning.

Тематика тестів відповідає змістові основних тематичних блоків інформації, необхідної для засвоєння здобувачами вищої освіти.

Кожен з тестів обмежений у часі, здобувач має 180 хвилин і одну спробу на його виконання. Тест складається з 23 питань різного типу, об'єму, складності та з відмінним оцінюванням. Далі надано короткий опис усіх типів питань, розміщених у тестах.

1) Write the correct prepositions. Завдання відкритого типу містить короткий текст із 5 пропусками. Задача здобувача – ввести правильний прийменник без зайвих пробілів і друкарських помилок. Максимальна кількість балів за правильно виконане завдання – 5.

Write the correct prepositions.

When choosing a career one must think carefully and understand clearly what he may benefit it. Before getting the job it is desirable to find out what are the major requirements it and if you fully comply them. Only you and nobody else will be in charge you preparation and readiness to do the job safely and effectively. Good career may be achieved different ways, but the most effective ones are hard work and good education.

2) Complete the sentences with the correct verb forms. Завдання відкритого типу містить короткий текст із 5 пропусками і вимагає від здобувача ввести дієслова, подані у дужках, у правильній граматичній формі разом з допоміжними і модальними дієсловами, якщо такі передбачені. Слід уникати зайвих пробілів і друкарських помилок. Максимальна кількість балів за правильно виконане завдання – 5.

Complete the sentences with the correct verb forms.

My grandfather (be) a sailor on a merchant vessel in his youth. He always (tell) me that (be) a seafarer isn't easy. You need to be ready (work) hard and you are also isolated from your family for months. But the most important thing for a seafarer is a sense of discipline. (perform) your duties with due diligence is the key to safety of all crewmembers and your successful career at sea.

3) Choose the appropriate variant / Choose the correct option / Choose the best answer to the question. Тест вміщує 3 блоки по 5 подібних завдань закритого типу, 15 завдань в цілому. Вони складаються з інструкції, запитання або ситуативної задачі і 4-6 варіантів відповідей. Здобувач обирає лише одну відповідь, яка на його погляд є правильною. Максимальна кількість балів за правильно виконане завдання – 1.

Choose the appropriate variant.

Which of the following words means to receive money as payment for work that you do?

Виберіть одну відповідь:

- a. pay
- b. buy
- c. earn
- d. enable
- e. enrich
- f. receive

Choose the correct option.

If a ship Officer, who is a Maltese, says that he has chosen this career cause he has been drawn to the sea since he can remember and he used to spend summer time with his family on their yacht, you'd say that his reason for pursuing a career at sea was

Виберіть одну відповідь:

- a. the influence of his home place and the surrounding
- b. the influence of his family and friends who wanted him to love the sea since childhood
- c. the possibility provided by local tourist industry as Malta attracts many merchant ships and cruise liners
- d. the need for money as he also wants to have a yacht of his own

Choose the best answer to the question.

Which of the following ISN'T the reason for adopting English as the working language on ships?

Виберіть одну відповідь:

- a. to enable crewmembers in multilingual crews to communicate and socialize
- b. to avoid confusion and error during navigational and safety communications
- c. to avoid accidents caused by language barrier
- d. to avoid misunderstandings while ship-to-ship and ship-to-shore communication

4) Fill in the gaps with the appropriate words. Завдання закритого типу містить короткий текст із 5 пропусками і 10 варіантами відповідей, 5 з яких є правильними. Здобувач обирає 1 правильну відповідь із 10 запропонованих, керуючись контекстом і граматичною сумісністю лексичних одиниць. Максимальна кількість балів за правильно виконане завдання – 5.

Fill in the gaps with the appropriate words.

SMCPs were introduced to avoid and misunderstanding during communication among crewmembers in crews. They are communication and unambiguous. This can help to avoid and save lives. – both and senior officers – are required to use appropriate SMCPs.

- Вибрати...
- Вибрати...
- versatile
- precise
- accidents
- confusion
- ratings
- pilot
- threat
- efficient
- amendment
- multilingual

5) Read the text and mark the statements as T (True), F (False) or DS (Doesn't say). Завдання закритого типу на розуміння прочитаного містить текст і 5 тверджень, які є правдивими (тоді здобувач обирає опцію True) або ні (у такому випадку необхідно обрати варіант False). Деякі твердження не відповідають змістові тексту або інформація, зазначена у цих твердженнях, не деталізована у тексті, тоді здобувачеві слід вибрати відповідь Doesn't say. Максимальна кількість балів за правильно виконане завдання – 5.

Moreover, you really require a problem solving attitude with quick decision making otherwise you will always be like dumbstruck when you are onboard. Adventure and money making all becomes secondary and frankly speaking there is not much adventure left now in this field rather you can get a better adventure when you will go on your expense in off-duty months.

1. A career at sea is deemed as routine and conventional.
2. No matter which vessel you are going to sail on you will lots of extreme and out-of-order situations.
3. To be selected to work on ships you need to know the correct answers to the interview questions.
4. Homesickness is one but not the only reason why some people can't pursue a career at sea.
5. Seafarers usually go in for exciting adventurous activities after voyages.

6) Read the text and choose the correct answers. Завдання закритого типу на розуміння прочитаного містить текст і 5 запитань до нього, кожне з яких має 4 варіанти відповіді (лише 1 відповідь правильна). Здобувачеві вищої освіти необхідно ознайомитись зі змістом тексту, щоб успішно виконати це завдання. Максимальна кількість балів за правильно виконане завдання – 5.

Having a career at sea means you have to work all throughout your contract. If you think working at sea is just looking at the ocean and going out for a shoreleave as what you always see on social media, then get ready to be shocked. Duty may call you anytime of the day or night including midnights. It doesn't care if you have enough rest especially if the job is to be finished asap. Don't expect a white collar job on board. There are times you won't have sleep for two days.

1. What does the word combination "drives you to" mean (paragraph 1)?
2. Why is life on a ship compared to riding a roller coaster (paragraph 2)?
3. Which of the psychological conditions are seafarers exposed to when crossing oceans?
4. When should seafarers need to be ready to work?
5. What does the word combination "white collar job" mean (paragraph 4)?

7) Match the items and their purposes. Завдання закритого типу містить список із 5 об'єктів / інструментів / одиниць устаткування тощо і 8 варіантів відповідей, які змістовно відповідають функціям зазначених одиниць. Здобувачеві необхідно обрати з випадального списку правильну функцію для кожної зазначеної одиниці. 3 варіанта відповідей є додатковими, а отже не будуть зараховані як правильні. Максимальна кількість балів за правильно виконане завдання – 5.

Match the qualities required for maritime career with their purposes.

Competency	Вибрати...
Emotional quotient	Вибрати...
Being physically fit	Вибрати...
Stamina	Вибрати...
Sense of humour	Вибрати...

is necessary to complete hard work on deck for long hours
 is necessary to enable officers to organize the crew effectively for different activities
 is necessary to be able to carry out the tasks without constant supervision and without constant instructions being provided
 is necessary to lighten up the moments on board by breaking the ice
 is necessary to enable seafarers to perform their duties effectively and safely
 is necessary to enable seafarers to make themselves presentable
 is necessary to be able to do something that might be difficult and might take long time
 is necessary to enable seafarers to work under pressure and be away from friends and family

8) Choose the appropriate set of items. Тест вміщує 2 подібних завдання закритого типу, які передбачають вибір декількох правильних відповідей із 10 варіантів у списку. Максимальна кількість балів за правильно виконане завдання – 2,5.

Choose the downsides of maritime career.

Виберіть одну або декілька відповідей:

- a. exhausting work
- b. worthy salary
- c. parting with family and friends
- d. risk for life
- e. possibility for promotion
- f. adventures
- g. possibility for travelling
- h. boredom and loneliness
- i. heavy weather hazards
- j. long vacation with family and friends

Кількість балів, які може отримати здобувач вищої освіти за правильно виконаний тест – 50. У подальшому ці бали стають складовою підсумкової оцінки за контрольну роботу шляхом пропорційного перерахунку в іншу шкалу. Детальна інформація щодо оцінювання контрольної роботи зазначена у пункті «Оцінювання» цих методичних рекомендацій.

Контрольна робота здобувача вищої освіти вважається виконаною виключно за умови успішного складання усіх тестів, розміщених на відповідній сторінці платформи дистанційного навчання Moodle.

5. Форма контролю знань

Контрольні заходи є необхідним елементом системи забезпечення якості освіти, які визначають відповідність рівня набутих здобувачами вищої освіти знань і вмінь, сформованих усних та письмових компетентностей вимогам нормативних вітчизняних та міжнародних документів і забезпечують своєчасне коригування навчального процесу.

Вивчення дисципліни «Морська англійська мова» передбачає проведення різних форм

контролю знань: проміжних тестів наприкінці вивчення певної теми, підсумкових тестів на навчальній платформі Moodle, складання усних та письмових компетентностей, заліків, екзаменів.

Оцінювання усних і письмових комунікативних компетентностей здійснюється за 100-бальною системою.

5.1 Оцінювання усних комунікативних компетентностей

Відповідно до робочої навчальної програми «Морська англійська мова» здобувачі вищої освіти заочної форми навчання щороку демонструють свої комунікативні компетентності з п'яти тематичних модулів, за кожний з яких можна максимально отримати 10 балів (окрім здобувачів вищої освіти, які навчаються на п'ятому курсі).

Тематичні модулі: Критерії оцінювання усних комунікативних компетентностей		
Відповідність темі	Вільне володіння мовою	Грамотність мовлення
3 бали	4 бали	3 бали

Відповідно, максимальна кількість балів за усні комунікативні компетентності з п'яти тематичних модулів досягає **50 балів**.

Для здобувачів вищої освіти, які навчаються на п'ятому курсі максимальна кількість балів за п'ять тематичних модулів становить **75 балів**, за кожний з яких можна максимально отримати 15 балів.

Тематичні модулі: Критерії оцінювання усних комунікативних компетентностей		
Відповідність темі	Вільне володіння мовою	Грамотність мовлення
5 бали	5 бали	5 бали

5.2 Оцінювання мовних знань і умінь

Кожного навчального року здобувачі вищої освіти заочної форми навчання демонструють володіння мовними знаннями і умінями, виконуючи два тести на навчальній платформі Moodle (окрім здобувачів вищої освіти, які навчаються на п'ятому курсі).

Максимальна кількість балів за кожний тест становить **25 балів**, тобто **50 балів** за обидва тести.

Прохідний бал за семестр – 60.

Здобувачі вищої освіти, які навчаються на п'ятому курсі виконують екзаменаційний підсумковий тест на навчальній платформі Moodle, за який максимальна кількість балів становить **25 балів**.

6. Список питань до самоконтролю

6.1 Список питань до самоконтролю Рік навчання 1

1. What water bodies and land masses do you know?
2. What is the difference between various water bodies?
3. Where are continents, oceans, seas, canals, straits, countries and ports located? Describe their location on the map.
4. What man-made waterways do you know?
5. What purpose do they serve?
6. What types of ports and port structures are there? Name ten major world ports and describe their location.
7. What is bulk cargo?
8. What are dry bulk cargoes and their main properties?
9. How are they carried by vessels?
10. What does the term “neo-bulk” mean?
11. What examples of neo-bulk cargo and their characteristics can you provide?
12. What does the term “unitized” mean?
13. What types of ships do you know?
14. What are the main parts of the ship?
15. What are the internal / external parts of the vessel?
16. What spaces are there in the superstructure? What are they for?
17. What spaces are there in the hull? What are they for?
18. What dimensions are important for a container carrier / a tanker / a bulker?
19. What are the tonnages of a vessel?
20. What departments are there on board a cargo ship?
21. Who is the head of the Deck / Engine / Catering Department?
22. What are the officers / petty officers / ratings of the Deck / Engine / Catering Department?
23. What types of brushes and paints do you know?
24. How do you prepare the surface for painting?
25. What essential tools and instruments are used for ship maintenance?
26. What are the safety requirements stipulated by STCW?
27. What are the main requirements of COSWP as for PPE?
28. What PPE do you know and what is its functions?
29. What kind of hazards are there on a ship and where is a seafarer more likely to face them?
30. What are the general rules for safe movement around a ship?
31. What groups of warning signs are on board a vessel?

6.2 Список питань до самоконтролю

Рік навчання 2

1. What are external/internal body parts/organs and their functions?
2. What can be harmful for human body parts / organs?
3. Why do shipboard emergencies happen?
4. Why do shipboard fires usually occur?
5. What IMO documents stipulate requirements to life-saving appliances?
6. What items are in the lifeboat /liferaft inventory?
7. What are the sources of pollution and major pollutants at sea?
8. What methods for oil clean-up are used nowadays?
9. What is ISPS Code?
10. What anti-piracy measures are used nowadays?

6.3 Список питань до самоконтролю

Рік навчання 3

1. What navigational equipment is on the bridge?
2. What is Checklist “Familiarization with Bridge Equipment” about?
3. What vessels shall COLREG rules apply to?
4. Why shall every vessel maintain a proper look-out by sight as well as by hearing at all times?
5. What means of visual signaling do you know?
6. What are the marker-words of Distress, Urgency and Safety messages?
7. What do the terms “dangerous wreck” and “non-dangerous wreck” mean?
8. What are the main parts of an anchor / an anchor gear?
9. How do ships make fast to a wharf?
10. What lines (or cables) are used to secure a ship at a berth?

6.4 Список питань до самоконтролю

Рік навчання 4

1. What are bridge team members?
2. When is it prohibited to hand over the watch?
3. What devices are known as aids to navigation?
4. What is IALA Buoyage System?
5. What is a pilot of a ship?
6. What are basic requirements to the pilot boarding ground?
7. What are weather precipitations?
8. How is the wind direction determined in the chart?
9. What are the classes of NAVTEX message?
10. What should a vessel do while passing through narrows and canals?

6.5 Список питань до самоконтролю

Рік навчання 5

1. What are solid bulk cargoes?
2. How different are characteristics of Classes A, B, and C of solid bulk cargoes?
3. How is liquid bulk cargo loaded / unloaded?
4. What measures must be taken to avoid cargo shortage?
5. What are container types?
6. What are the guidelines for containers stowage?
7. What type of cargo is called Project cargo / Heavy cargo?
8. What guidelines should be followed to ensure safety of heavy cargo handling?
9. What goods are considered to be dangerous? Why?
10. How shall DG cargoes be stowed and segregated?

7. Список підсумкових питань

7. 1 Список підсумкових питань

Рік навчання 1

1. What oceans and continents do you know? Where are they located?
2. What water bodies and land masses do you know? Describe the difference between various bodies of water.
3. What are the basic principles for determining direction and heading at sea?
4. What are the basic principles for determining locations and distances at sea?
5. What types of ports and port structures are there?

6. What man-made waterways do you know? What purpose do they serve?
7. How many departments are there usually on board cargo ship? What are they?
8. What are the officers/petty officers/ratings of the Deck/Engine/Catering Department?
9. What is Master/Chief Engineer/ Electro-technical Officer responsible for?
10. What are the duties of the Able Seaman/Motorman/Electrician?
11. What types of brushes do you know? When are they used?
12. What types of paint do you know? What surfaces are they used on?
13. What are the main parts of a ship? What are external/internal parts?
14. What equipment is used on the deck/superstructure/below the waterline?
15. What spaces are there in the superstructure?
16. What spaces are there in the hull?
17. What types of ships do you know? How can they be classified?
18. What ship dimensions do you know?
19. What are the main types of cargoes?
20. What is bulk cargo?
21. What is general cargo?
22. What equipment is used for loading and unloading dry/liquid bulk cargoes?
23. What packages do you know?
24. What does the term “unitized” mean?
25. What official documents provide regulations for safety aboard ships?
26. What groups of warning signs are there?
27. What PPE do you know and what are their functions?
28. What PPE should a seaman wear when chipping off rust and lubricating anchoring equipment/welding hatchcovers/cleaning a hold with special solution/painting a funnel at the height of 2.5 meters/cleaning working area inside machinery spaces?
29. What advice can you give to a person who is going to work with tools/to enter an enclosed space/to carry heavy objects?
30. What are the general rules for safe movement around a ship?

7. 2 Список підсумкових питань Рік навчання 2

1. What internal systems of organs do you know? Describe their location and function.
2. Which of the external body parts are at the greatest risk at sea? Why?
3. What items do you need to have in your first aid kit? What for?
4. Describe the symptoms of the health problems seafarers can get at sea.
5. What are the main rules for giving first aid?
6. Describe your actions in case of sprains/burns/fractures.
7. What emergencies do you know?
8. Why do emergencies at sea occur?
9. What is the function of a shipboard alarm? What types of alarms do you know?
10. What should you do when you hear an alarm?
11. What do you know about Muster List and Muster Station?
12. How should a crewmember behave in an emergency?
13. What classes of fire do you know? Why do they start?
14. What types of extinguishers are there? How to decide which one to use?
15. Why do seafarers need personal LSA onboard? What are they?
16. How many types of lifeboats/liferafts do you know? How to launch them?
17. What are the main requirements for drills?
18. What are the most serious environmental problems nowadays?
19. What types of pollution prevention are covered by MARPOL Annexes?
20. What are the rules for garbage disposal?

21. What are the ways of oil cleanup?
22. What actions should be performed in case of an oil spill?
23. What SOPEP equipment do you know?
24. What are the main threats for the ship security?
25. How is it possible to stop pirates?
26. What points should Ship Security Plan include?
27. What activities shall be carried out at Security Level 1/2/3?
28. What is the procedure of a visitor's embarkation?
29. What anti-stowaways measures do you know?
30. How should the crew act in case of found stowaways?

7. 3 Список підсумкових питань

Рік навчання 3

1. What navigational equipment do you know?
2. What are structural parts of the bridge?
3. What equipment is located on the bridge wings / inside the bridge?
4. What bridge devices are used for steering a ship?
5. What services does GMDSS provide?
6. What purposes do chart table instruments serve? What situations is Safety transmissions made in?
7. List ten terms from Rule 3 and give general definitions to them.
8. What is meant by a proper look-out? What should the members of the bridge team do to ensure a proper lookout at all times?
9. What should be taken into account when determining safe speed?
10. When shall we define the situation as overtaking? What actions shall be taken by vessels when overtaking?
11. When are vessels considered to be in a head-on situation? What actions shall be taken by vessels in a head-on situation?
12. Which vessel shall keep out of the way of another vessel in a crossing situation? How shall a crossing vessel manoeuvre to keep out of the way of another vessel?
13. What basic navigation lights do you know? What are their characteristics? What do they indicate?
14. What navigation lights and/or shapes shall be exhibited by power-driven vessels underway / sailing vessels underway / vessels engaged in towing / vessels engaged in fishing and trawling / constrained by their draught / vessels restricted in their ability to manoeuvre / vessels not under command? Which Colreg rule prescribes these lights and/or shapes?
15. What manoeuvring and warning signals do you know? Where are they stipulated?
16. What fog signals do you know? Where are they stipulated?
17. What distress signals do you know? What are they stipulated by?
18. What situations are Distress, Urgency and Safety transmissions made in?
19. What types of anchorages do you know?
20. What should you keep in mind if you drop an anchor in an unknown area?
21. What are the main types of holding grounds?
22. What are the four steps of anchoring procedure?
23. What areas are prohibited for anchoring?
24. What are the main anchor / anchor gear parts?
25. Why great caution is needed when working with mooring lines?
26. What is a snap back zone?
27. What are the types of mooring ropes?
28. What are safety rules seamen must follow when they take part in mooring operation?
29. What mooring commands do you know?

30. What are the functions of the parts of mooring equipment?

7. 4 Список підсумкових питань Рік навчання 4

1. How must a bridge team work?
2. What are the duties of the OOW?
3. What is a passage plan?
4. What are the requirements for passage planning?
5. What are the main duties and responsibilities of the pilot?
6. What information should be exchanged between the Master and the pilot? Why is it so essential?
7. What are the arrangements of the vessel prior to pilot boarding?
8. What is a pilot card? What information does it include?
9. Describe the procedure of pilot boarding.
10. What aids to navigation do you know?
11. How many IALA regions exist?
12. How are buoys classified?
13. What types of lights do you know?
14. What is the difference between buoys and beacons?
15. What information is given in Beaufort Scale?
16. What are ship motions?
17. What are the main elements of NAVTEX message?
18. What are tides?
19. What is a spring tide?
20. What is a neap tide?
21. What shall a vessel do while passing through narrows and canals?
22. What sound signals are used when overtaking in a narrow channel?
23. Are there any ships allowed not to follow Rule 10?
24. How must a vessel proceed using TSS?
25. What ships can use inshore traffic zone?
26. What does the term “restricted visibility” mean?
27. What precautions shall be taken when navigating in restricted visibility?
28. What do the terms “congested waters” and “coastal waters” mean?
29. What precautions shall be taken when navigating in congested waters?
30. What precautions shall be taken when navigating in coastal waters?

7. 5 Список підсумкових питань Рік навчання 5

1. What five purposes does hold cleaning serve?
2. What are the safety precautions as for zinc concentrate/cement/grains/ferrous metals handling?
3. What dangers are seamen exposed to on bulkers?
4. What are the standards for dry bulk cargo trade?
5. How can ventilation/fumigation/dust endanger the crew?
6. How is it possible to remove odors from the hold?
7. What equipment for securing containers do you know?
8. What is the procedure of securing container?
9. What is row/ bay/ tier?
10. What safety measures should be followed when handling container cargo?
11. What are the types of container damages?
12. How to prevent damage to containers?

13. What cargo is considered a Heavy/Project cargo? What challenges does such cargo present?
14. What types of vessels carry Heavy cargo? Describe their design.
15. What load-up methods do you know?
16. What lashing and bedding equipment is used to prevent cargo shifting / tipping?
17. What guidelines should be followed to provide cargo handling safety practice?
18. What way is the responsibility shared between the parties involved in cargo operations?
19. What types of tankers do you know?
20. What are the requirements to the tankers design?
21. What equipment is used to clean tanks?
22. What types of tank cleaning up methods do you know? What are their advantages/disadvantages?
23. What potential hazards exist aboard the tanker?
24. What safety measures should be taken to prevent fire / leakage aboard the tanker?
25. What goods are considered to be dangerous? Why?
26. What safety precautions should be taken during DG transportation?
27. What laws and regulations on the dangerous goods handling do you know?
28. How many classes of dangerous cargo do you know? What are they?
29. What information should be verified with the IMDG Code?
30. What are Carrier's duties to provide safe practice?

8. Список рекомендованої літератури до курсу

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