

**Контрольные вопросы для самоподготовки и зачета для курсантов –судоводителей
Дунайского института**

5.2 ПЕРЕЛІК ОСНОВНИХ ПИТАНЬ ПІДСУМКОВОГО КОНТРОЛЮ

5.2.1. Теоретична частина.

5.2.1.1. Питання комп'ютерного тестування:

What does the term "RCC" signify?

What does the term "Prudonce" signify?

What does the term "Seelonce Feenee" signify?

What does the term "Seelonce Mayday" signify?

What does the term "Seelonce Distress" signify?

What does the term "AMVER" signify?

What publication are medical codes listed?

What safety signal indicates that an important meteorological or navigational warning is about to follow?

What does CES abbreviation mean?

What does SES abbreviation mean?

What does SafetyNET abbreviation means?

Which of these numbers is the Inmarsat-F number?

Which of these numbers is the Inmarsat-B number?

Which of these numbers is the Inmarsat-C number?

Which of these numbers is the Inmarsat-M number?

What does the abbreviation DER mean using NBDP (telex)?

What does the abbreviation GA+ mean using NBDP (telex)?

What does the abbreviation MOM mean using NBDP (telex)?

What does the abbreviation NDN mean using NBDP (telex)?

What does the abbreviation WRU mean using NBDP (telex)?

What information is available from SafetyNET transmissions?

What information is considered to be unscheduled SafetyNET broadcast?

What does the category code "00" denote in NAVTEX messages?

What Inmarsat satellite communications system has an Enhanced Group Call (EGC)?

What categories of messages cannot be rejected using the NAVTEX receiver controls?

All NAVTEX messages are prefixed by a _____ ?

What does the EPIRB signal indicate?

Who is responsible for ensuring that your EPIRB is registered?

On vessels being sold to new owners, the EPIRB _____ .

How often is it recommended to fulfil EPIRB test procedure?

What is the purpose of a SART?

What test should be carried out daily?

What test should be carried out weekly?

What test should be carried out monthly?

State the GMDSS Sea Areas covered by the Inmarsat satellite system.

State the meaning of the abbreviation NCS which is used within the Inmarsat communications system.

State the meaning of the abbreviation MES which is used within the Inmarsat communications system.

How would you define Sea area A2?

How would you define Sea area A1?

How would you define Sea area A3?

How would you define Sea area A4?

State EPIRB frequencies.

What is the 2 MHz band DSC distress/safety frequency?

Which channel is used for DSC distress and calling on VHF?

On which MF/HF DSC frequency must a watch always be maintained?
On which frequency is NAVTEX transmitted?
What is the relationship between frequency, wavelength and the speed at which a radio wave travels?
What is meant by the term "Skip distance"?
What is meant by the term MUF?
What does H3E signify?
What does F1B signify?
What does J3E signify?
What does F3E signify?
Which mode of emission should be used on 2182 kHz?
Which mode of emission should be used on an MF R/T working frequency?
Which mode of emission should be used on an MF telex frequency?
Which mode of emission should be used on an HF R/T working frequency?
Which mode of emission should be used on Channel 16?
What does 002321000 signify?
What does 232100000 signify?
What does 023210000 signify?
Which of the following is a MMSI number used in a DSC controller for a Ukrainian registered ship?
What would be the Inmarsat-C number for the vessel?
What is the purpose of the 2177 kHz frequency?
What is the purpose of the 2187.5 kHz frequency?
What is the purpose of the 2189.5 kHz frequency?
What is the purpose of the 8414.5 kHz frequency?
What is the purpose of the channel 70 frequency?
How often is a live DSC test required to be made?
How often is an internal DSC test required to be made?
If no acknowledgement is received on DSC following an alert, how often will the alert be repeated?
When would such mode of operation as FEC Collective be used?
When would such mode of operation as ARQ be used?
When would such mode of operation as FEC Selective be used?
When would such mode of operation as SELCALL be used?
Where can details of a coast station's Telex frequencies be found?
What is meant by 3220 Auto G?
What is meant by 64523 GBUF X?
What is meant by GA+?
What is meant by KKKK?
What is meant by BRK+?
What is meant by DIRTLX?
What is meant by J2B?
What code is used to obtain a weather report by telex?
What code is used to obtain a listing of current navigational warnings by telex?
What code is used to send a weather report by a radio telex?
What does the distress signal MAYDAY mean?
State the urgency signal.
What does the Safety signal indicate?
State the safety signal.
In which publication can Coast station traffic lists be found?
In which publication can Charges for foreign stations be found?
In which publication can Times of weather bulletins be found?
In which publication can Ship's AAIC be found?
In which publication can Inmarsat CESSs be found?

In the GMDSS, how can MSI be received?
 In which frequency band do radar transponders transmit?
 What does the urgency signal consist of?
 What does the safety signal consist of in direct printing telegraphy?
 A drifting container was observed, what kind of message is to be broadcasted?
 By what means and in which frequency bands can a safety message be announced?
 On which VHF channel can a coast station be called by means of DSC for a routine call?
 How can a satellite EPIRB be activated?
 Whom shall ship station or ship earth stations inform immediately of the receipt of a distress alert and its contents?
 What type of radio wave is propagated on VHF?
 What is the main factor which determines the range of transmission on the Marine VHF band?
 What is meant by the term AGC?
 What is the maximum power output that should be used to make a routine call on channel 70 addressed to "All Ships"?
 What does a distress alert indicate?
 What time is kept in the ship's radio log book:
 When at anchor within port limits, a vessel may use the radiotelephone to communicate with:
 The radiotelephone public correspondence service at sea should , if possible , be operated:
 What is a Traffic List ?
 The meaning of the Abbreviation or Service Indicator RTL is:
 Which channel is used for ship-to-ship alerting on the VHF band in the GMDSS system?
 Which frequency is used for ship-to-shore alerting on the MF band in the GMDSS system?
 Which radio equipment is not necessary for the ships sailing in the sea area A4?
 Which radio equipment is not necessary for the ships sailing in the sea area A2?
 What types of EPIRB can be used in sea area A4?
 Which frequency does Inmarsat-E EPIRB use for transmission of distress signals?
 What modes of communication can be used in Inmarsat-C system?
 Which Inmarsat Mobile Number belongs to a Inmarsat-C ship earth station?
 Which Inmarsat Mobile Number belongs to a Inmarsat-F ship earth station?
 Which address must you type to send message from your Inmarsat-C terminal to another Inmarsat-C ship station ?
 Are VHF radio waves reflected by the ionosphere?
 Which currencies must be used in international charging for radio communication?
 Should lead batteries and Ni-Cd batteries be located in the same battery room?
 What is the minimum operation time of reserve source of energy on ships without an emergency energy source?
 What is the minimum operation time of reserve source of energy on ships with an emergency energy source?
 A crewmember is badly injured, and you want him to be taken ashore. The procedure will be:
 EGC has to do with:
 SAFETY NET has to do with:
 FEC is used in connection with:
 The calling system may be used for calls ship-to-ship, ship-to-shore and shore-to-ship.
 Which system is it?
 What does the urgency signal indicate?
 What does the term "TR" signify?
 What does the term "TR" consist of?

5.2.2.2. Питання письмового тестування.

What is the format of a R/T acknowledgement to a DSC Distress Alert?

What is the format of a Telex acknowledgement to a DSC Distress Alert?

What is the format of a R/T acknowledgement to a DSC Distress Relay call from a Coast station?

A DSC distress alert contains the following information, namely:

DSC alert would normally be sent on the following frequencies or channels:

The distress Relay Call using R/T consists of:

The controlling station may impose silence on any interfering stations by using the term:

Other stations may impose silence by using the term:

When complete silence is no longer necessary, the controlling station may indicate that 'restricted working' may be resumed by sending the following:

When "normal working" may be resumed, the controlling station transmits a similar message but ends with:

There are four types of report in the AMVER system (SP, PR, DR, FR):

A medical message should contain:

The safety call format using R/T consists of:

The urgency call format using R/T consists of:

A radio message, preceded by an urgent signal, must convey the following data relating to the medical transports concerned:

The routine call format to a coast station by R/T consists of:

What action would you take if you transmit a false distress alert on 70 CH VHF?

What action would you take if you transmit a false distress alert using MF DSC?

What action would you take if you transmit a false distress alert using HF DSC?

What action would you take if you transmit a false distress alert using Inmarsat-C?

Explain what is meant by the following terms: (a) AAIC, (b) VHF. Write it down.

Explain what is meant by the following terms: (a) AMVER, (b) UHF. Write it down.

Explain what is meant by the following terms: (a) UTC, (b) AOR-E, AOR-W, IOR, POR.

Write it down.

Explain what is meant by the following terms: (a) TDM, (b) ARQ. Write it down.

Explain what is meant by the following terms: (a) SES, (b) EPIRB. Write it down.

Explain what is meant by the following terms: (a) SDR, (b) CSS. Write it down.

Explain what is meant by the following terms: (a) SART, (b) DSC. Write it down.

Explain what is meant by the following terms: (a) SAR, (b) DTE. Write it down.

Explain what is meant by the following terms: (a) R/T, (b) EGC. Write it down.

Explain what is meant by the following terms: (a) RCC, (b) CES. Write it down.

Explain what is meant by the following terms: (a) NCS, (b) FEC. Write it down.

Explain what is meant by the following terms: (a) OCC, (b) GMDSS. Write it down.

Explain what is meant by the following terms: (a) NBDP, (b) GOC. Write it down.

Explain what is meant by the following terms: (a) MSI, (b) GPS. Write it down.

Explain what is meant by the following terms: (a) MMSI, (b) HF. Write it down.

Explain what is meant by the following terms: (a) MID, (b) HSD. Write it down.

Explain what is meant by the following terms: (a) MF, (b) IHO. Write it down.

Explain what is meant by the following terms: (a) MES, (b) IMN. Write it down.

Explain what is meant by the following terms: (a) IAMSAR, (b) IMO. Write it down.

Explain what is meant by the following terms: (a) LES, (b) ITU. Write it down.

Define the following Sea Areas A1, A2, A3, A4.

Mention the minimum content of radio equipment that every ship must carry. Which radio equipment must every ship have? Which radio equipment must every ship on voyages in all sea areas (A1, A2, A3 i A4) have?

Які радіослужби і підсистеми зв'язку входять до складу ГМЗЛБ?

Смуга частот виділена МРС в УКХ, СХ, ПХ, КХ діапазонах. Захист частот.

Види технічного обслуговування радіоустаткування в ГМЗЛБ. Які види технічного обслуговування обов'язкові в Морських районах А1, А2, А3, А4?

Що означає термін "Дублювання устаткування"?

Вахти в ГМЗЛБ. Якими технічними засобами повинне забезпечуватися безупинне автоматичне спостереження на частотах лиха і прийом інформації з безпеці на морі (MSI) на кожному судні, що знаходиться в морі?

Експлуатаційні вимоги до апаратури прийому інформації з безпеці на морі.

Призначення і склад системи КОСПАС-САРСАТ.

Експлуатаційні вимоги до АРБ, застосовуваним у ГМЗЛБ.

Склад системи ІНМАРСАТ. Експлуатаційні вимоги до станцій ІНМАРСАТ.

Призначення приймача РГВ (EGC). По якій мережі йде прийом інформації з безпеці на морі ІБМ (MSI) у системі ІНМАРСАТ ?

Що означає термін "цифровий вибіркового виклик (ЦВВ)"?

Що таке MMSI? MMSI суднової, берегової станції, групи суден. Що таке MID?

Назвіть складові формату викличної послідовності ЦВВ при передачі виклику лиха.

На якій частоті і яка інформація буде передана за замовчуванням при передачі короткого сигналу небезпеці, використовуючи MF/HF DSC контролер?

Експлуатаційні вимоги до радіоустаткування рятувальних засобів.

Суднові джерела електроживлення. Вимоги до резервних джерел електроживлення.

Охарактеризуйте режими роботи "ARQ" і "FEC" у радіотелексі.

Призначення 16 і 70 каналів УКХ. Формула залежності частоти від довжини хвилі.

Дипломи суднового персоналу ГМЗЛБ

Документація суднової радіостанції

Радіожурнал. Обов'язкові записи

Обов'язки радіооператора, що відповідає за радіозв'язок під час лиха

Обов'язки вахтового радіооператора

Оплата послуг зв'язку, валютні номінали. Розрахункові організації. Звіт за використання радіозв'язку. Розрахунки по послугах зв'язку судно-беріг у МРС і МРСС

Розрахунки по послугах зв'язку за телефонний і телексий радіообмін.

Порядок Ваших дій при отриманні виклику лиха апаратурою УКХ ЦВВ. Є підтвердження ЦВВ від берегової станції.

Порядок Ваших дій при отриманні виклику лиха апаратурою УКХ ЦВВ, якщо не поступило підтвердження ЦВВ від берегової станції.

Порядок Ваших дій при отриманні виклику лиха апаратурою ПХ ЦВВ від суднової станції. Є підтвердження ЦВВ від берегової станції.

Порядок Ваших дій при отриманні виклику лиха апаратурою ПХ ЦВВ від суднової станції якщо не поступило підтвердження ЦВВ від берегової станції.

Порядок Ваших дій при отриманні виклику лиха апаратурою КХ ЦВВ від суднової станції. Є підтвердження ЦВВ від берегової станції.

Порядок Ваших дій при отриманні виклику лиха апаратурою КХ ЦВВ якщо не поступило підтвердження ЦВВ від берегової станції.

Перелічите випадки ретрансляції сигналу небезпеці

У яких випадках не дозволяється ретранслювати сигнал небезпеці апаратурою ЦВВ?

Що таке IAMSAR?

Ви капітан судна. Судно терпить лихо. Судно тоне і буде покинуто. Опишіть порядок Ваших дій.

Ви капітан судна. Судно терпить лихо. Необхідна термінова допомога. Опишіть порядок Ваших дій.

Ви капітан судна. Судно ще не терпить лихо, але є серйозні проблеми. Опишіть порядок Ваших дій.

MASTER PLAN GMDSS

5.2.1.3. Питання усного опитування.

Функції ГМЗЛБ.

Функціональні вимоги до радіоустаткування ГМЗЛБ

Характеристика морського району А1.

Характеристика морського району А2.

Характеристика морського району А3.

Характеристика морського району А4.

Склад радіоустаткування, що повинне мати кожне судно, не залежне від району плавання.

MASTER PLAN GMDSS

Види дипломів ГМЗЛБ.

Види технічного обслуговування ГМЗЛБ.

Вимоги до резервних джерел енергії.

Документи суднової радіостанції.

Перевірки устаткування ГМЗЛБ.

Частоти і канали, на яких повинне вестися безупинне автоматичне спостереження на кожному судні, що знаходиться в морі.

Радіоустаткування, що використовується для безупинного автоматичного спостереження за передачами інформації з безпеці на морі.

Обов'язку радіооператора, відповідального за радіозв'язок під час лиха.

Обов'язку вахтового радіооператора.

Основні експлуатаційні вимоги до судових УКХ радіоустановкам.

Основні експлуатаційні вимоги до судових ПХ радіоустановкам.

Основні експлуатаційні вимоги до судових КХ радіоустановкам.

Основні експлуатаційні вимоги до радіоустаткування рятувальних засобів.

Основні експлуатаційні вимоги до аварійних радіобуїв.

Основні експлуатаційні вимоги до апаратури для прийому інформації з безпеці на морі.

Основні експлуатаційні вимоги до судових земних станцій ІНМАРСАТ.

Основні експлуатаційні вимоги до берегових земних станцій ІНМАРСАТ.

Формула співвідношення довжини хвилі і частоти.

На яку відстань поширюються радіохвилі в УКХ діапазоні в денний час.

На яку відстань поширюються радіохвилі в УКХ діапазоні в нічний час.

На яку відстань поширюються радіохвилі в ПХ діапазоні в денний час.

На яку відстань поширюються радіохвилі в ПХ діапазоні в нічний час.

На яку відстань поширюються радіохвилі в КХ діапазоні в денний час.

На яку відстань поширюються радіохвилі в КХ діапазоні в нічний час.

Пояснити позначення наступних термінів: мертва зона, MUF, EGC, клас випромінювання, привласнена частота.

Пояснити аббревіатуру: НЗЕ, F1B, J3E, F3E.

Формат підтвердження в телефонії виклику лиха ЦВВ.

Скорочення, використовувані для передачі з судна інформації про погоду в радіотеле-ксі.

Скорочення, використовувані для запиту погоди в радіотелексі.

Які супутники використовуються в системі ІНМАРСАТ.

Пояснити різницю між передачею виклику лиха і повідомлення про лиха в ІНМАРСАТ - С.

На яких частотах працює АРБ КОСПАС-САРСАТ.

На яких частотах працює АРБ УКХ

Скільки за часом повинна забезпечити роботу батарея живлення АРБ.

Скільки за часом повинна забезпечити роботу батарея живлення РЛВ.

Формат підтвердження виклику лиха в ВБД.

Сигнал терміновості в радіотелефонії.

Сигнал безпеці в радіотелефонії.

Приклад повідомлення терміновості в радіотелефонії.

Приклад повідомлення безпеці в радіотелефонії.

Назвіть сигнал, що використовується для запиту медичної консультації в радіотелефонії.

Назвіть сигнал, що використовується для запиту медичної консультації в радіотелексі.

Які види повідомлення не можна виключити з приймача NAVTEX при його програмуванні.

Які міжнародні одиниці використовуються для оплати послуг зв'язку.

Приведіть приклад розрахунку оплати послуг зв'язку в радіотелефонії.

Приведіть приклад розрахунку оплати послуг зв'язку в радіотелексі.
 Приведіть приклад розрахунку оплати послуг зв'язку в ІНМАРСАТ-С.
 Приведіть приклад розрахунку оплати послуг зв'язку в ІНМАРСАТ-В.
 Звіт за використання радіозв'язку.

5.2.2. Практична частина.

5.2.1.1 Тестування устаткування

Тестування устаткування. Необхідно включити устаткування суднової радіостанції, виконати необхідні перевірки і тести (напруга акумуляторних батарей, внутрішня перевірка VHF/MF/HF DSC, зовнішня перевірка MF/HF DSC, EPIRB, SART, приймач NAVTEX) і зробити відповідні записи в радіожурналі.

VHF DSC

MF/HF DSC

SARTs

EPIRBs

VHF Portable

Batteries

Printers

5.2.1.2 Практичні завдання по INMARSAT-C

Your ship is sinking after explosion. You have 18 persons on board. Make up the format of the distress message. How would you transmit a distress message using Inmarsat-C?

Your ship has been in collision with an unknown object in thick fog.

You have 16 persons on board.

You are authorized to transmit a Distress Alert using

Inmarsat-C . Give two methods of sending an alert. What

action would you take if you transmit a false Distress Alert using Inmarsat-C?

Make up the format of the message.

How would you use 2-digit code to obtain a medical assistance using Inmarsat-C?

Make up the format of the message. What action would you take?

You have received the following on your DSC controller:

Ship in distress: 273145604

Frequency: 16804,5 Time: 14:42 UTC

Position: 55 33 N 008 07 E Nature of distress: Collision

Type of communication: J3E.

How would you transmit a distress relay message using Inmarsat-C?

Make up the format of the message.

You have received the following message on your Inmarsat-C station:

TO: MASTER M/V HELENA

FM: TRANSWORLD ANTWERPEN, BELGIUM TLX 33059

PLEASE URGENTLY CONFIRM ETA

BRGDS BOB HORME

NNNNN

What action would you take?

How would you transmit a telex message to the subscriber 27177 DPARPU UX (Odessa, UKRAINE) without request confirmation using Inmarsat-C via Burum 12 Coast station.

Make up the format of the message.

What is the price of Inmarsat-C message of 1,8 Kbits?

How would you transmit a telex message to the subscriber Baltic SC Russia, tlx 121561 with request confirmation using Inmarsat-C via Burum 12 Coast station. Make up the format of the message.

How much does Inmarsat-C message of 2,5 Kbits cost?

How would you transmit a telex message to the Inm-C ship's station 435648758, IOR via Burum 12 Coast station.

Make up the format of the message.

What is the price of Inmarsat-C message of 3,4 Kbits?

How would you transmit a message to the FAX subscriber in UK London using Inmarsat-C via Burum 12 station. Fax number is 334-75-83. Make up the format of the message.

How much does Inmarsat-C message of 4,0 Kbits cost?

How would you transmit a telex message to the PSTN subscriber using Inmarsat-C via Burum 12 Coast station. PSTN number is 38965. Make up the format of the message.

What action would you take?

What is the price of Inmarsat-C message of 1,5 Kbits?

How would you transmit an E-Mail message to the subscriber office@mortelecom.odessa.ua using Inmarsat-C via Burum 12 Coast station. Make up the format of the message. What action would you take?

How much does Inmarsat-C message of 1,8 Kbits cost?

Describe a procedure to initiate a ship's position report from your ship.

You would transmit automatically ship's position report every 12 hours during month from your ship to the Transas Marine St.Peterburg TLX 613034 MARKET SU. What are you actions?

How would you transmit a telex message to the subscriber Bogota in Colombia tlx 41452

CIMRS CO COPY: Somarco in Chile tlx 30363 SOMAR CL

COPY: Dakar in Senegal tlx 32086 FREIGHT SG COPY:

Comexas in Zaire tlx 21006 COKIN ZR using Inmarsat-C via Burum 12 Coast station.

Make up the format of the message. What action would you take?

How much does Inmarsat-C messages of 2,7 Kbits cost?

2.15 How would you transmit a telex message to the m/v Baltika/UREB Inm-C number is

427200020

COPY: m/v Dubna/URID Inm-C number is

427200040 COPY: m/v Flora/UFSE Inm-C number is

427200060 COPY: m/v Helena/URXN Inm-C

number is 427200080

using Inmarsat-C via Burum 12 Coast station. Make up the format of the message. What action would you take?

How much does Inmarsat-C messages of 3,3 Kbits cost?

You have received the message on your EGC receiver.

Describe your future actions.

How would you use 2-digit code to obtain a medical advice using Inmarsat-C?

Make up the format of the message. What action would you take?

How would you use 2-digit code to obtain a technical assistance using Inmarsat-C?

Make up the format of the message. What action would you take?

Can you send a message from your Inmarsat-C station to Your Inmarsat-C station?

What action would you take if you can any?

How would you transmit a telex message to the ship "Kaila/3EWC3" using Inmarsat-C via Burum 12 Coast station. Make up the format of the message. What action would you take? How much does Inmarsat-C message cost?

5.2.1.3 Практичні завдання по INMARSAT- В/Ф

Your ship has been in collision with an unknown object in dense fog.

You have 16 persons on board.

You are authorized to transmit a Distress call using Inmarsat- F/Btelex. Give two methods of sending your call. Make up a format of the distress message.

Your ship is aground. List to starboard.

You have 11 persons on board.

You are authorized to transmit a Distress call using Inmarsat- F/B telephone.

Give two methods of sending your call. Make up the format of the distress message.

What action would you take if you transmit a false Distress Alert using Inmarsat- F/B telex?

Make up the format of the message.

What action would you take if you transmit a false Distress Alert using Inmarsat- F/B telephone?

Make up a format of the message.

How would you use 2-digit code to obtain a medical assistance using Inmarsat-F/B telex?

Make up the format of the message. What action would you take?

How would you use 2-digit code to obtain a medical assistance using Inmarsat- F/B telephone?

Make up the format of the message.

You have received the following on your DSC controller:

Ship in distress: 342675431 Frequency: 8414,5 Time: 09:24 UTC

Nature of distress: Collision

Position: 10 21 N 132 32 E

Type of communication: J3E.

How would you transmit a distress relay message using Inmarsat- F/B telex? Make up the format of the message. 2.28 You have received the following on your DSC

controller: Ship in distress: 574124985

Time: 11:45 UTC

Nature of distress: Fire

Frequency: 12577

Position: 43 28 N 064 09 E

Type of communication: J3E.

How would you transmit a distress relay message using Inmarsat- F/B telephone? Make up the format of the message.

You have received the following message on your Inmarsat- F/B telex:

TO: MASTER M/V ARCONA

FM: PETROLLINK SYDNEY, AUSTRALIA TLX 103310

PLEASE URGENTLY CONFIRM ETA

BRGDS BOB HORMEN

NNNN

What action would you take?

How would you transmit a telex message to the subscriber Transnautic, Germany tlx 246201 TNHB D using Inmarsat- F/Btelex via Burum 12 Coast station.

Make up the format of the message. What is the price of the message?

How would you transmit a telex message to the Inm-C ship's station 435648758, POR using Inmarsat- F/Btelex via Burum 12 Coast station.

Make up the format of the message. How much does the message cost?

Make the telephone call to the subscriber Louis Dreyfus Energy Asia Pacific Ltd, Singapore, TEL 2201500 using Inmarsat- F/B via Burum 12 Coast station. Make up the format of the message. How much does the conversation cost?

How would you transmit a message to the FAX subscriber in UK London using Inmarsat- A/B via Burum 12 Cost station. Fax number is 334-75-83.

How much does the FAX message cost?

How would you use 2-digit code to obtain a medical advice using Inmarsat- F/B telex?

Make up the format of the message.

What action would you take?

How would you use 2-digit code to obtain a medical advice using Inmarsat- F/B telephone?

Make up the format of the message.

What action would you take?

How would you use 2-digit code to obtain a technical assistance using Inmarsat- F/B telex?

Make up the format of the message. What action would you take?

How would you use 2-digit code to obtain a technical assistance using Inmarsat-F/B telephone?

Make up the format of the message.

What action would you take?

Can you send a telex message from your Inmarsat- F/B station to Your Inmarsat- F/B station?

What actions would you take if you can any?

How would you transmit a telex message to the ship station m/v "Aniara/C6DB5" using Inmarsat- F/B via Burum 12 Coast station.

Make up the format of the message. What action

would you take? How much does the

message cost?

2.40 Make a telephone call to the ship station m/v "Cap Domingo" using Inmarsat- F/B via

Burum 12 Coast station. Make up the format of the message. How much does the conversation cost? **5.2.1.4**

Практичні завдання по устаткуванню ЦВВ.

What action would you take if you transmit a false Distress Alert on HF DSC (4207.5 kHz)?

Make up the format of the message.

What action would you take if you transmit a false Distress Alert on HF DSC (6312 kHz)?

Make up the format of the message.

A) What action would you take if you transmit a false Distress Alert on HF DSC (8414.5 kHz)?

Make up the format of the message.

b) How would you receive DSC call from another ships for general communication?

What action would you take if you transmit a false Distress Alert on HF DSC (12577 kHz)?

Make up the format of the message.

What action would you take if you transmit a false Distress Alert on HF DSC (16804.5 kHz)?

Make up the format of the message.

A) What action would you take if you receive a Distress Alert by VHF DSC? Nature of distress: EPIRB emission.

b) You have seen one empty iron barge in position 0332N 09812E. Make an appropriate call to the "Ships in the Malacca Strait" on HF in the 8 MHz maritime band.

2.47 You are on board ESSO RHYL/GBCD in position 22 degs 54 min North 112 degs 32 min

East.

Your vessel has a leak below water line and cannot control flooding. Visibility is reduced.

The master authorizes you to obtain immediate assistance. What initial action would you take on VHF?

You are on board CAROLINA/9HBCN in position 23 degs 54 min North 115 degs 32 min West.

Your vessel is on fire after explosion in tank number 2 and require Co2 extinguishers.

The master authorizes you to obtain immediate assistance.

- What initial action would you take on MF?
Choose radiotelephony as subsequent type of communication .
- You are on board WHITE HORSE/SGBC in position 53 degs 54 min South 132 degs 12 min East.
Your vessel has been sinking after collision.
The master authorizes you to obtain immediate assistance.
What initial action would you take on HF in the 8 MHz maritime band?
Choose radiotelephony as subsequent type of communication .
- 2.50 A) Make a contact with the subscriber in Odessa, Ukraine TEL 34-75-83 via Lyngby Radio using coast station's national DSC channel.
b) What action would you take if you transmit a false Distress Alert on VHF DSC? Make up the format of the message.
- 2.51 A) Make a contact to the subscriber United Arab Shipping Co, Kuwait TEL 484 3150 via Sydney Radio, Australia using the coast station's national DSC channel.
b) What action would you take if you transmit a false Distress Alert on MF DSC (2187.5 kHz)?
Make up the format of the message.
- 2.52 You have seen a large green container which is a danger to navigation in position 46 degs 23 min North 015 degs 36 mins West at 1240 UTC. What initial action would you take on VHF?
- 2.53 You have received the following on your DSC controller:
Distress
384150000 26 21N 013 136 1036
UTC Undersigned distress 8414.5 kHz J3E What action would you take?
- 2.54 A) You have no doctor aboard the vessel. 2-nd mate has sudden heart attack. You require medical advice by radio.
What initial action would you take on VHF?
b) Contact the vessel with MMSI 273100090 on MF.
Choose radiotelephony as subsequent type of communication .
- 2.55 You have no doctor aboard the vessel. Ship's cook suffering stomach ache. Require medical assistance.
What initial action would you take on MF?
Choose radiotelephony as subsequent type of communication .
- 2.56 You have stopped your main engine for urgent repairs in close vicinity of traffic separation scheme and cannot proceed without assistance. You need towing.
What initial action would you take on MF?
Choose radiotelephony as subsequent type of communication .
- You have seen a spherical floating object looks like mine in position 3210N 00715E
Make an appropriate call to the ships in the geographical area 5500N 00800E 5500N 00600E 5300N 00800E 5300N 00600E on HF in the 6 MHz maritime band? Choose radiotelephony as subsequent type of communication . Choose radiotelephony as subsequent type of communication .
- You have received the following on your VHF DSC controller:
Received DSC message 22 Oct 99 at 14:42
Format: All ships
Category: Distress

Tc1: Dist ackn
 Distress ship: 73145604
 Nature of distress: Collision
 Time: 14:42 UTC
 Position: 55 33 N 008 07 E
 Self ID: 001513221
 EOS: EOS

What action would you take on VHF?

You have received the following on your DSC controller:

Distress 234150000 5622N 00115E 0926 UTC
 Disable and adrift 2187.5 kHz H3E

What action would you take?

You have received the following on your DSC controller:

Distress 247375982 1234N 01215E 1628 UTC
 Abandoning vessel 4207,5 You are on board SAN DIEGO/PJUT in position 34
 degs
 20 min South 130 degs 18 min East.
 Your vessel has been sinking after collision.
 The master authorizes you to transmit Distress Relay Alert to the Lyngby
 Radio on HF in the 16 MHz maritime band.

Choose radiotelephony as subsequent type of communication . What
 action would you take? **5.2.1.5 Практичні завдання по
 устаткуванню ВБД (радіотелекс)**

2.61 How would you transmit a telex message to the subscriber Sailor, Denmark tlx
 69789

SPRAD DK using NBDP "Store and Forward"
 mode. Make up the format of the message.

How would you transmit a telex message to the subscriber Transas Marine, Russia tlx
 613034 MARKET SU using NBDP "ON-LINE" mode.

Make up the format of the message.

How would you take a list of the available commands from the Lyngby Radio using
 NBDP?

A) How would you take a Traffic List from St. Lys Radio using NBDP?

b) How would you receive Maritime Safety Information (MSI) from Honolulu Radio
 Radio using HF NBDP?

How would you take a medical advice from the Choshi Radio using NBDP?

How would you take a weather report from the Hong Kong Radio using NBDP?

A) How would you transmit a radio telex letter to the subscriber Ivan Petrov, Ap8, h4, Str.
 Deribasovskaya, Odessa, UKRAINE using NBDP?

b) How would you receive Maritime Safety Information (MSI) from Guam Radio using
 HF NBDP?

A) How would you transmit a meteorological message to the appropriate meteorological
 organization using NBDP?

b) How would you receive Maritime Safety Information (MSI) from Boston Radio
 using HF NBDP?

A) How would you transmit a radiotelegram to the subscriber Inna Leonova, Ap8, h4,
 Str.Deribasovskaya, Odessa, UKRAINE using NBDP?

b) How would you receive Maritime Safety Information (MSI) from Callao/Peru Radio
 using HF NBDP?

A) How would you take a list of the available commands from the Lyngby Radio using
 NBDP?

b) How would you receive Maritime Safety Information (MSI) from San Francisco
 Radio using HF NBDP?

How would you transmit a message to the FAX subscriber in Russia, Primorsk using

NBDP via Singapore Radio. Fax number is 34-75-83.

Make up the format of the message.

Contact the vessel with MMSI 273100090 on MF.

Choose radiotelex as subsequent type of communication.

You have received the following on your DSC controller:

Distress

234150000 5622N 00115E 0926UTC

Abandoning vessel 2187.5 kHz F1B/J2B

The master authorizes you to transmit

Distress Relay Alert to the Sydney Radio on HF in the 16 MHz maritime band. Choose radiotelex as subsequent type of communication . What action would you take?

You have received the following on your DSC controller:

Distress 384150000 26 21N 013 136 1036 UTC

Collision 8414.5 kHz F1B/J2B

What action would you take?

You are on board ESSO RHYL/GBCD in position 43 degs 54 min North 015 degs 32 min West.

Your vessel has been sinking after collision.

The master authorizes you to obtain immediate assistance.

What initial action would you take on HF in the 8 MHz maritime band?

Choose radiotelex as subsequent type of communication .

You are on board ESSO RHYL/GBCD in position 43 degs 54 min North 015 degs 32 min West.

Your vessel is on fire after explosion in tank number 2 and require Co2 extinguishers.

The master authorizes you to obtain immediate assistance.

What initial action would you take on MF?

Choose radiotelx as subsequent type of communication .

2.77 You have seen one empty iron barge in position 0332N 09812E. Make an appropriate call

to the "Ships in the Malacca Strait" on HF in the 8 MHz maritime band? Choose radiotelex as subsequent type of communication .

2.78 You have stopped your main engine for urgent repairs in close vicinity of traffic separation

scheme and cannot proceed without assistance. You need towing.

What initial action would you take on MF?

Choose radiotelex as subsequent type of communication .

2.79 You are on board ESSO RHYL/GBCD in position 43 degs 54 min North 015 degs 32 min

West.

Your vessel is in danger of capsizing.

The master authorizes you to obtain immediate assistance.

What initial action would you take on HF in the 16 MHz maritime band?

Choose radiotelex as subsequent type of communication .

2.80 You have no doctor aboard the vessel. Ship's cook suffering stomach ache.

Require medical assistance.

What initial action would you take on MF?

Choose radiotelex as subsequent type of communication .

Робота з документами

What is the name of the vessel having the call sign GBYA?

On which R/T bands may this ship

communicate? Who settles the accounts for this station?

- What is the name of the station whose call sign are 7TB?
On what frequency does this station transmit weather forecasts and at what time?
- What is the name of the vessel having the MMSI 232823000?
What is the vessel's SELCALL number?
- At what time does station 00205480 transmit NAVTEX information?
On which MF R/T frequency does this station transmit weather bulletins?
- On which VHF channel does this station transmit notice to navigators?
- At what times does Hong Kong Radio transmit time signal on 8828 kHz?
What is the station's characteristic signal and from where does it originate?
- On which VHF channel does Stonehaven Radio (U.K.) transmit traffic lists?
Can this channel be used for Autolink calls?
- What is the cost of 3 minute R/T call via Cyprus Radio to a subscriber in Australia, assuming you are using VHF?
- On what frequencies and at what time does South Chatham Radio transmit telex and traffic lists?
Does this station transmit weather reports?
- On which R/T frequencies and at what times does the station with the call sign FFB transmit: a) weather messages? b) navigation warning in English?
- You are leaving Bombay and you require a weather bulletin.
On which frequency would you listen and at what time?
- If you require an Atlantic weather bulletin from Portishead Radio (U.K.), to what frequency would you tune your receiver, assuming you are midway across the North Atlantic and the local time is 2100? What type of signal would you receive?
- You are off Capetown and you wish to make a direct R/T call to Bahrain. It is 0300 local time.
On which ITU channel would you call?
- Assuming you are off Gibraltar and you wish to make a telex call direct to Norddeich at 1200 UTC. On what frequency would you transmit?
Having exchanged answerbacks, what three things would you then transmit?
- On which VHF channel would you call North Foreland Radio if you require a link call?
On which MF R/T frequency are traffic lists transmitted?
- On what time VPS transmit time signals on the 22 MHz band?
- When arriving off Chittagong at what time would you call the pilots?
Which frequency or channel would you use?
- You are off Gibraltar and you require a weather forecast.
Which station would you listen to? On what frequency? At what time?
- Using appropriate international documents, indicate the MMSI number for Mar del Plata Radio. What is the MID for Mar del Plata Radio?
- On which R/T frequencies and at what times does the station with the call sign FFB transmit traffic lists?

Приєм інформації з безпеці мореплавання (ІБМ)

- How would you receive Maritime Safety Information (MSI) from San Francisco Radio using HF NBDP?
- How would you receive Maritime Safety Information (MSI) from Honolulu Radio using HF NBDP?
- How would you receive Maritime Safety Information (MSI) from Guam Radio using HF NBDP?
- How would you receive Maritime Safety Information (MSI) from Boston Radio using HF NBDP?
- How would you receive Maritime Safety Information (MSI) from Callao/Peru Radio using

HF NBDP?

Choose the appropriate NAVTEX coast stations in accordance with ship's position.

How are unwanted messages rejected on a NAVTEX receiver?

How are unwanted messages rejected on an EGC receiver?

Слухач **не атестується**, якщо під час проведення підсумкового контролю він не продемонстрував знання хоча б по одному з наступних теоретичних питань:
 порядок несення вахти в ГМЗЛБ, ведення вахтового журналу радіостанції і документування радіозв'язку;
 процедури Міжнародного авіаційного і морського наставляння з пошуку і порятунку (IAMSAR) у питаннях організації радіозв'язку при пошуку і рятуванні на морі;
 організація і порядок надання медичних консультацій і медичної допомоги по радіо;
 засоби запобігання передачі помилкових сигналів небезпеки і процедури скасування таких помилкових сигналів;
 основні керівні документи (Конвенція ПДНВ-78, з поправками, Регламент радіозв'язку і Конвенція СОЛАС-74/88), звертаючи особливу увагу на радіозв'язок у випадках лиха, терміновості і безпеки; недопущення перешкод, особливо при обміні по лиху, терміновості і безпеки;

Слухач **не атестується**, якщо під час проведення підсумкового контролю він не продемонстрував умінь хоча б по одному з наступних практичних питань:
 не зміг передати виклик лиха всіма судновими засобами зв'язку;
 не зміг прийняти виклик лиха всіма судновими засобами зв'язку;
 не зміг скасувати помилковий виклик лиха всіма судновими засобами зв'язку;
 не зміг правильно передати і прийняти повідомлення по радіотелефону і букводрукувальному телеграфу у випадку лиха, терміновості і безпеки;
 не зміг настроїти приймачі і передавачі для відповідного виду роботи, включаючи цифровий вибіркового виклик і букводрукувальну телеграфію;
 не зміг правильно і ефективно використовувати радіоустаткування рятувальних засобів і аварійних радіобуїв;
 не зміг прийняти інформацію з безпеки мореплавання.