

ARMATOR Sevastopol	Course Procedures of Academic Department		AD
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Subject: Examination exercises			

**Examination exercises**  
**Контрольные задания по курсу**

Course Code **ECDIS**  
Код курса

Variant 01

Route 001 Odessa (46°30,6'N 30°44,1'E) – Sevastopol (44°37,6'N 33°30,8'E)  
Ship – "Murmansk Star" Date – present Time – 00.00

1. Select all necessary charts for voyage using Catalog of Electronic Charts. Подобрать все необходимые на переход карты, используя Каталог электронных карт.
2. Make corrections for all selected charts in accordance with Notices to Mariners. Выполнить корректуру всех подобранных карт в соответствии с Извещениями Мореплавателям.
  - Delete: Buoy "9" (46°30,38'N 30°44,36'E)  
Buoy "10" (46°30,36'N 30°44,28'E) Chart 38111RU
  - Move: Buoy "1" ПpЗc from (46°30,00'N 30°45,02'E) to (46°30,00'N 30°45,16'E)  
Chart 38111RU
  - Insert: Pilot (46°30,27'N 30°46,2'E) Chart 38111 RU
3. Make a Route Plan for the voyage. Calculate total distance and total time of the voyage. Test the route for the navigational dangers. Составить предварительный план перехода. Вычислить общее расстояние и общее время перехода. Произвести проверку маршрута на наличие навигационных опасностей.
4. Make log book settings: user's records, track info, ARPA targets, route info. Произвести установку параметров электронного судового журнала: записи пользователя, путевая информация, цели, сопровождаемые САРП, информация о маршруте.
5. Make a Route Monitoring of the voyage (monitoring time is 20 minutes). Every 5 minutes control ship's position with observation by bearing and distance. 15-th minute – Pilot disembarked (leave appropriate note in the log book). Выполнить исполнительную прокладку (мониторинг) маршрута (время 20 минут). Каждые 5 минут контролировать местоположение судна наблюдениями по пеленгу и дистанции до ориентира. На 15-ой минуте лоцман покинул судно (занести соответствующую запись в судовой журнал).

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Variant 02

Route 002 Illichivsk (46°18,8'N 30°40,2'E) – Constansa (44°08,6'N 28°39,4'E)  
Ship – "Murmansk Star" Date – present Time – 00.00

- Select all necessary charts for voyage using Catalog of Electronic Charts.
- Make corrections for all selected charts in accordance with Notices to Mariners.  
Delete: Buoy "5" (46°19,36'N 30°39,83'E) Chart 38105RU  
Move: Buoy "1"ПрЗс from (46°18,97'N 30'41,59'E) to (46°18,98'N 30°41,54'E)  
Chart 38105RU  
Insert: Wreck (46°18,79'N 30°41,2'E) Chart 38105RU
- Make a Route Plan for the voyage. Calculate total distance and total time of the voyage. Test the route for the navigational dangers.
- Make log book settings: user's records, track info, ARPA targets, route info.
- Make a Route Monitoring of the voyage (monitoring time is 20 minutes). Every 5 minutes control ship's position with observation by bearing and distance. 15-th minute – Pilot disembarked (leave appropriate note in the log book).

Variant 03

Route 003 Kerch (45°21,6'N 36°29,5'E) – Novorossiysk (44°42,8'N 3748,2'E)  
Ship – "Murmansk Star" Date – present Time – 00.00

- Select all necessary charts for voyage using Catalog of Electronic Charts.
- Make corrections for all selected charts in accordance with Notices to Mariners.  
Delete: Wreck (45°21,20'N 36°28,78'E) Chart 38132UA  
Move: Buoy "15" from (45°21,40'N 36°29,50'E) to (45°21,34'N 36°29,44'E)  
Chart 38132UA  
Insert: Submarine cable from (45°21,30'N 36°29,15'E) Chart 38132UA
- Make a Route Plan for the voyage. Calculate total distance and total time of the voyage. Test the route for the navigational dangers.
- Make log book settings: user's records, track info, ARPA targets, route info.
- Make a Route Monitoring of the voyage (monitoring time is 20 minutes). Every 5 minutes control ship's position with observation by bearing and distance. 15-th minute – Pilot disembarked (leave appropriate note in the log book).

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Variant 04

Route 004 Odessa (46°30,6'N 30°44,1'E) – Varna (43°10,5'N 27°59,4'E)  
Ship – "Murmansk Star" Date – present Time – 00.00

- Select all necessary charts for voyage using Catalog of Electronic Charts.
- Make corrections for all selected charts in accordance with Notices to Mariners.  
Delete: Buoy "9" (46°30,38'N 30°44,36'E)  
Buoy "10" (46°30,36'N 30°44,28'E) Chart 38111RU  
Move: Buoy "1" Пр3с from (46°30,00'N 30°45,02'E) to (46°30,00'N 30°45,16'E)  
Chart 38111RU  
Insert: Pilot (46°30,27'N 30°46,2'E) Chart 38111RU
- Make a Route Plan for the voyage. Calculate total distance and total time of the voyage. Test the route for the navigational dangers.
- Make log book settings: user's records, track info, ARPA targets, route info.
- Make a Route Monitoring of the voyage (monitoring time is 20 minutes). Every 5 minutes control ship's position with observation by bearing and distance. 15-th minute – Pilot disembarked (leave appropriate note in the log book).

Variant 05

Route 005 Illichivsk (46°18,8'N 30°40,2'E) – Batumi (41°40,6'N 41°37,3'E)  
Ship – "Murmansk Star" Date – present Time – 00.00

- Select all necessary charts for voyage using Catalog of Electronic Charts.
- Make corrections for all selected charts in accordance with Notices to Mariners.  
Delete: Buoy "5" (46°19,36'N 30°39,83'E) Chart 38105RU  
Move: Buoy "1" Пр3с from (46°18,97'N 30°41,59'E) to (46°18,98'N 30°41,54'E)  
Chart 38105RU  
Insert: Wreck (46°18,79'N 30°41,2'E) Chart 38105RU
- Make a Route Plan for the voyage. Calculate total distance and total time of the voyage. Test the route for the navigational dangers.
- Make log book settings: user's records, track info, ARPA targets, route info.
- Make a Route Monitoring of the voyage (monitoring time is 20 minutes). Every 5 minutes control ship's position with observation by bearing and distance. 15-th minute – Pilot disembarked (leave appropriate note in the log book).

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Variant 06

Route 006 Kerch (45°21,6'N 36°29,5'E) – Mariupol (47°04,6'N 37°34,5'E)

Ship – "Murmansk Star" Date – present Time – 00.00

- Select all necessary charts for voyage using Catalog of Electronic Charts.
- Make corrections for all selected charts in accordance with Notices to Mariners.  
Delete: Wreck (45°21,20'N 36°28,78'E) Chart 38132UA  
Move: Buoy "15" from (45°21,40'N 36°29,50'E) to (45°21,34'N 36°29,44'E)  
Chart 38132UA  
Insert: Submarine cable from (45°21,30'N 36°29,15'E) Chart 38132UA
- Make a Route Plan for the voyage. Calculate total distance and total time of the voyage. Test the route for the navigational dangers.
- Make log book settings: user's records, track info, ARPA targets, route info.
- Make a Route Monitoring of the voyage (monitoring time is 20 minutes). Every 5 minutes control ship's position with observation by bearing and distance. 15-th minute – Pilot disembarked (leave appropriate note in the log book).

Variant 07

Route 007 Odessa (46°30,6'N 30°44,1'E) – Istanbul (41 °14,6'N 29°08,7'E)

Ship – "Murmansk Star" Date – present Time – 00.00

- Select all necessary charts for voyage using Catalog of Electronic Charts.
- Make corrections for all selected charts in accordance with Notices to Mariners.  
Delete: Buoy "9" (46°30,38'N 30°44,36'E)  
Buoy "10"(46°30,36'N 3044,28'E) Chart 38111RU  
Move: Buoy "1" Пp3c from (46°30,00'N 30°45,02'E) to (46°30,00'N 30°45,16'E)  
Chart 38111RU  
Insert: Pilot (46°30,27'N 30°46,2'E) Chart 38111RU
- Make a Route Plan for the voyage. Calculate total distance and total time of the voyage. Test the route for the navigational dangers.
- Make log book settings: user's records, track info, ARPA targets, route info.
- Make a Route Monitoring of the voyage (monitoring time is 20 minutes). Every 5 minutes control ship's position with observation by bearing and distance. 15-th minute – Pilot disembarked (leave appropriate note in the log book).

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Variant 08

Route 008 Illichivsk (46°18,8'N 30°40,2'E) – Sokhumi (42°58,9'N 41°01,6'E)  
Ship – "Murmansk Star" Date – present Time – 00.00

- Select all necessary charts for voyage using Catalog of Electronic Charts.
- Make corrections for all selected charts in accordance with Notices to Mariners.  
Delete: Buoy "5" (46°19,36'N 30°39,83'E) Chart 38105RU  
Move: Buoy "1" Пр3с from (46°18,97'N 30°41,59'E) to (46°18,98'N 30°41,54'E)  
Chart 38105RU  
Insert: Wreck (46°18,79'N 30°41,2'E) Chart 38105RU
- Make a Route Plan for the voyage. Calculate total distance and total time of the voyage. Test the route for the navigational dangers.
- Make log book settings: user's records, track info, ARPA targets, route info.
- Make a Route Monitoring of the voyage (monitoring time is 20 minutes). Every 5 minutes control ship's position with observation by bearing and distance. 15-th minute -Pilot disembarked (leave appropriate note in the log book).

Variant 09

Route 009 Kerch (45°21,6'N 36°29,5'E) – Berdyansk (46°44,7'N 36°46,2'E)  
Ship – "Murmansk Star" Date – present Time – 00.00

- Select all necessary charts for voyage using Catalog of Electronic Charts.
- Make corrections for all selected charts in accordance with Notices to Mariners.  
Delete: Wreck (45°21,20'N 36°28,78'E) Chart 38132UA  
Move: Buoy "15" from (45°21,40'N 36°29,50'E) to (45°21,34'N 36°29,44'E)  
Chart 38132UA  
Insert: Submarine cable from (45°21,30'N 36°29,15'E) Chart 38132UA
- Make a Route Plan for the voyage. Calculate total distance and total time of the voyage. Test the route for the navigational dangers.
- Make log book settings: user's records, track info, ARPA targets, route info.
- Make a Route Monitoring of the voyage (monitoring time is 20 minutes). Every 5 minutes control ship's position with observation by bearing and distance. 15-th minute –Pilot disembarked (leave appropriate note in the log book).