

*eduro*s
ECDIS

Type Specific ECDIS Training - JRC

Ver. 2.0 User Manual

English

KJ
ENGINEERING

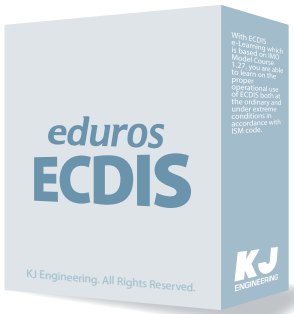

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1. edurosECDIS Introduction



1. With edurosECDIS which is based on IMO Model Course 1.27, you are able to learn on the proper operational use of ECDIS both at the ordinary and under extreme conditions in accordance with ISM code.
 - Familiarization with the specific ECDIS model according to ISM Code
 - Interactive Courses
 - Multi-language Supports
 - Practical Exercises
 - Similar UI as real ECDIS
 - Online Supports & Management of Trainee's record (Eduros)
2. The eduros ECDIS is an online ECDIS training programme which the trainees can take a training at anytime anywhere all over the world.
3. Unlike the other online training, since the trainees download the training programme in their PC or mobile device, only few data is necessary and the network traffic can not be any problem.



With ECDIS e-Learning which follows the IMO Model Course 1.27, you are able to learn on the proper operational use of ECDIS both at the ordinary and under extreme conditions in accordance with ISM code.

eduros ECDIS

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Type Specific ECDIS Training - JRC

e-Learning Contents App for PC
Based On IMO Model Course 1.27
LMS (Learning Management System)
Platform: Windows
Device Type: PC
Version: edurosECDIS ver.2.0
Size: 550M

4. Compatible equipment

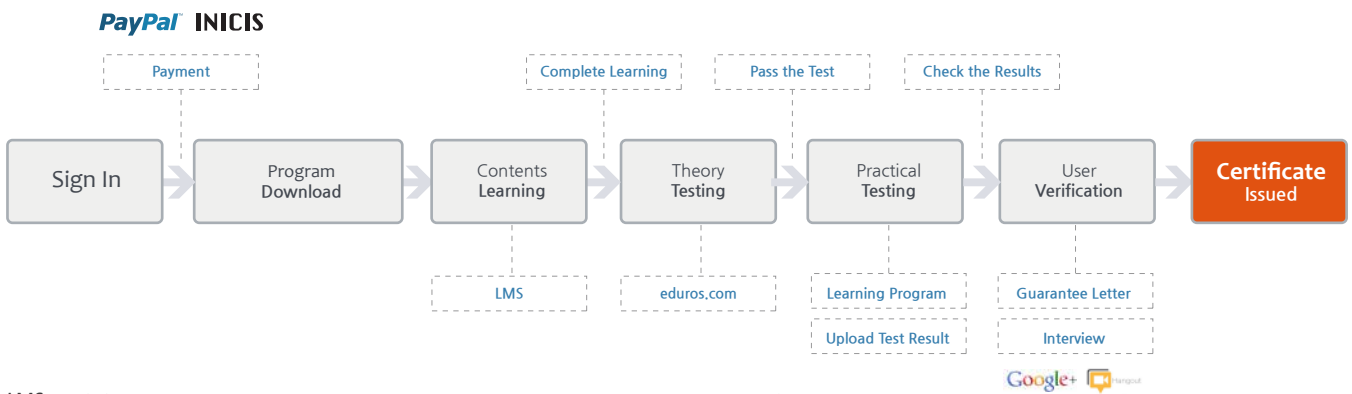


JAN-901B

JAN-701B

JAN-2000

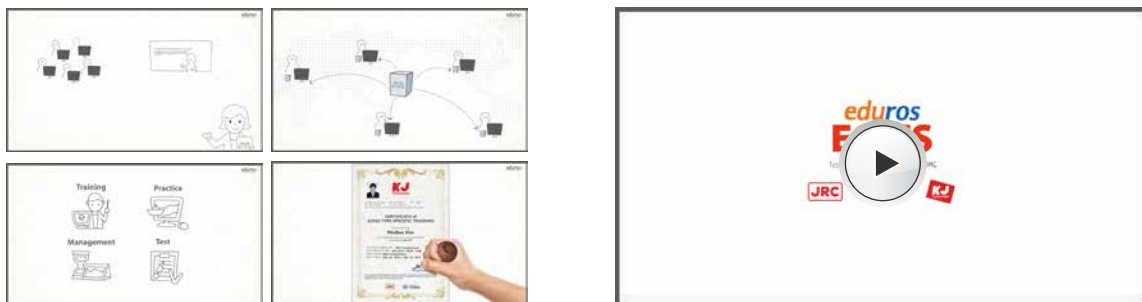
5. Certificate Issuance Procedure



LMS: Track the Learning Process, Learning History Management, Learning Process Management, Records Management

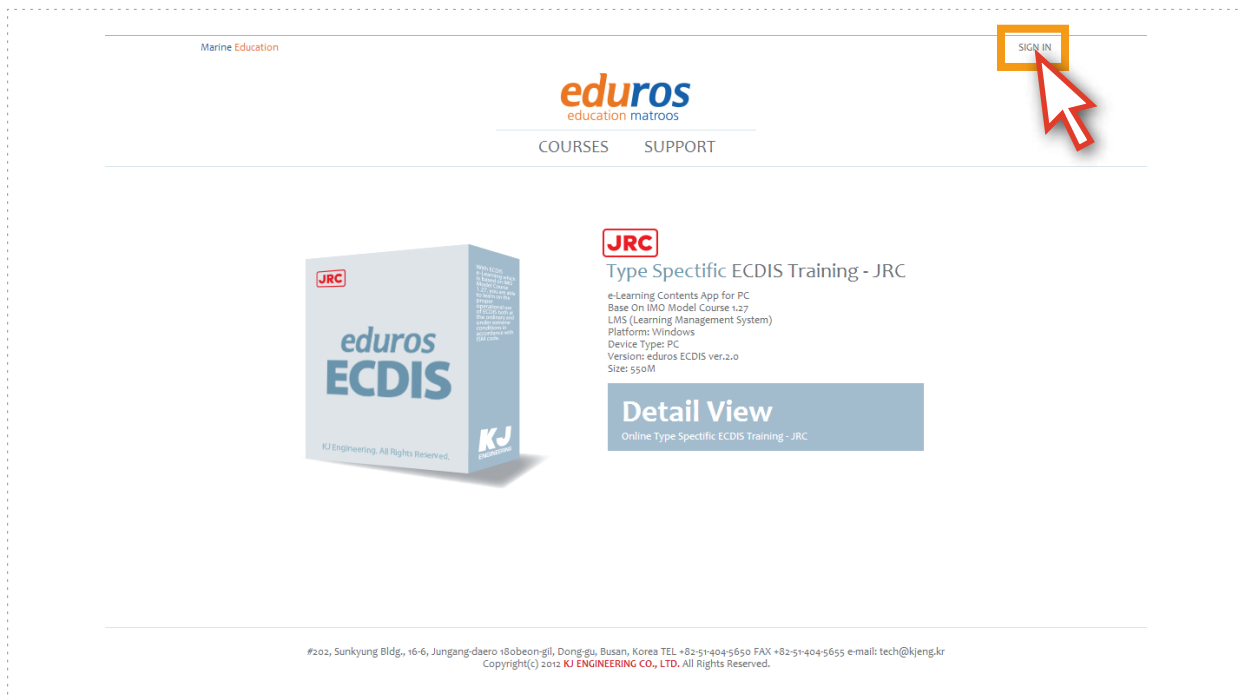
6. edurosECDIS video clip

This video clip explains about the features and functions of the edurosECDIS. Its running time is about 6 minutes and the contents are as follows.



2. edurosECDIS Website Sign up

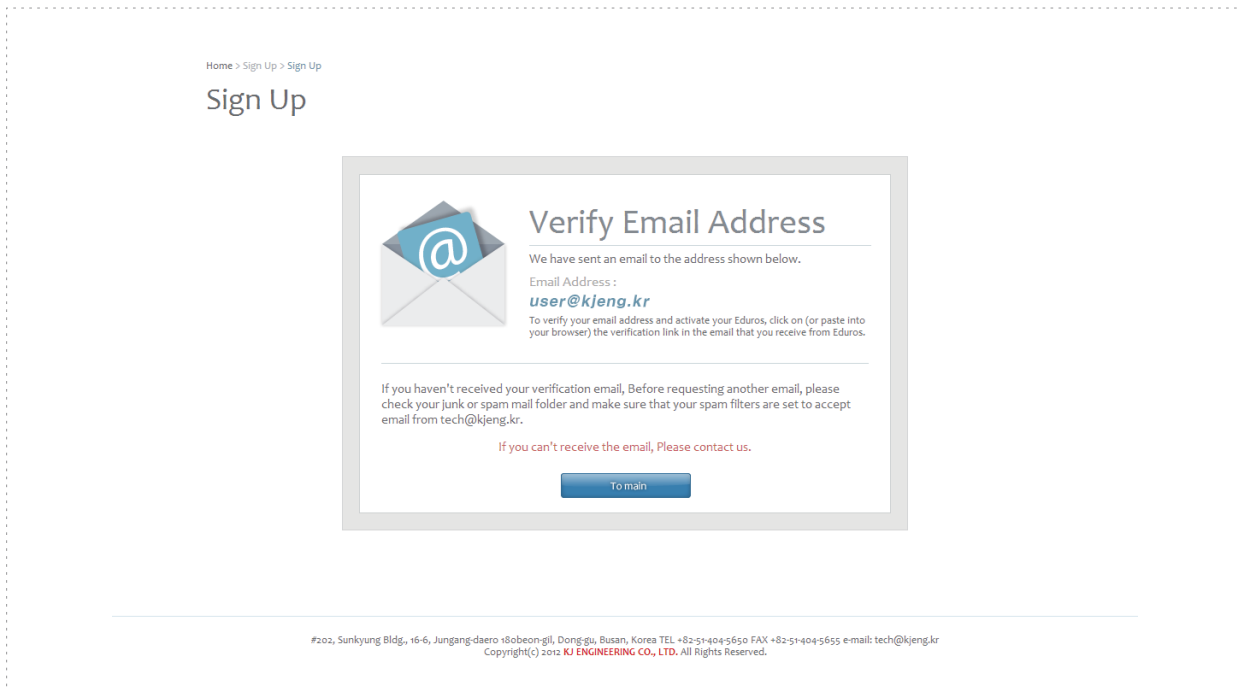
1. Access 'eduros website' : www.eduros.com
Click the **Sign In** button in the upper right corner of the page.



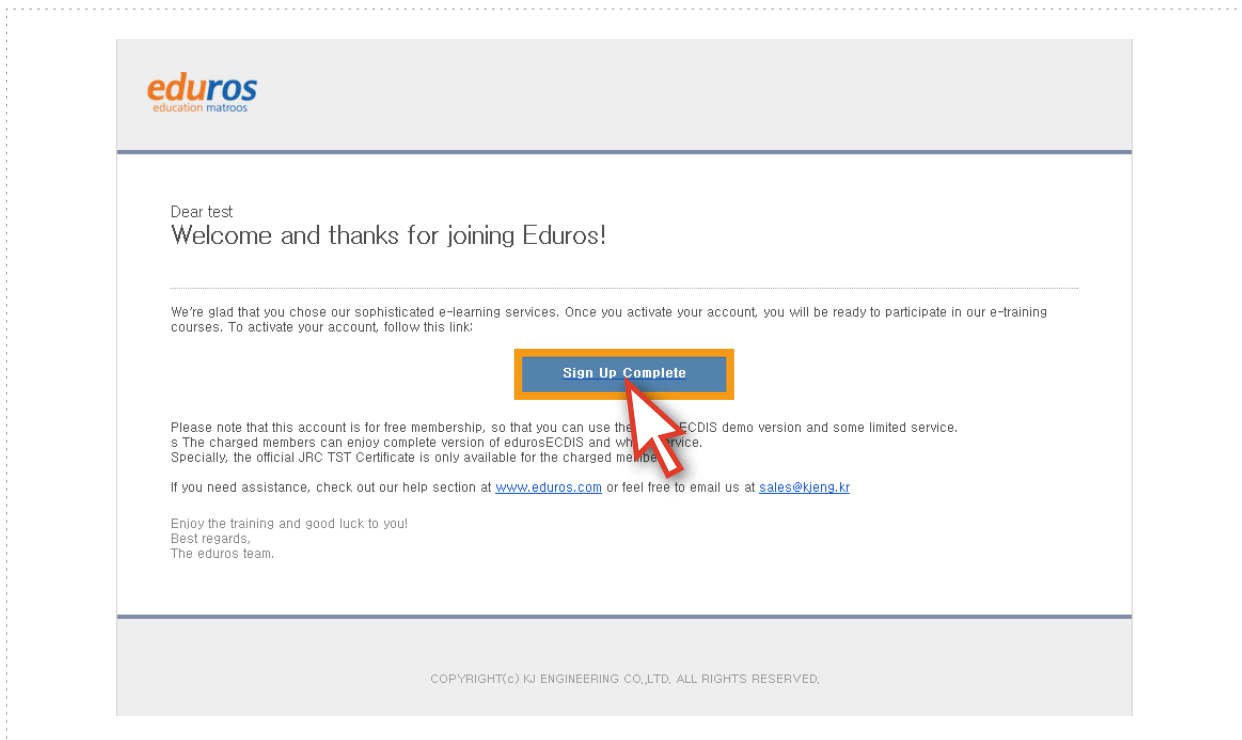
2. Click the **SIGN UP** button in the 'SIGN IN' pop-up window.
Complete the sign up membership application and click the **SIGN UP** button once again.

The image shows two forms. The top form is the 'SIGN IN' pop-up window, which includes fields for 'ID (E-mail)' and 'Password', a 'SIGN IN' button, and a 'Remember ID' checkbox. A 'Sign Up' button is highlighted with a red box and a red mouse cursor. The bottom form is the 'Sign Up Membership' form, which includes fields for 'E-Mail', 'Name', 'Password', 'Confirm Password', 'Company', and 'Nation'. A 'Check' button is highlighted with a red box and a red mouse cursor. At the bottom of the page, there is a 'Sign Up' button highlighted with a red box and a red mouse cursor, and a 'To Main' button next to it.

3. The 'verification email' will be sent to the email address in your application.



4. Click the link provided by the **Eduros Sign Up** message in 'your email inbox'. When the sign up process is completed, you will be signed in automatically.



3. edurosECDIS Training Program Purchasing

1. Access the 'eduros website' and sign in. Click the **Detail View** button.



2. Click the **Buy it now** button.



3. Fill in the 'Purchase' page with your billing information and check boxes on the purchasing agreement.

Home > courses > Purchase

Purchase

Orders

No.	Training	Amount-USD	Amount-KRW
1	Type-Specific ECDIS Training - JRC	\$399.00	₩440,000

Billing Address

Name	<input type="text"/>	Street Address 2	<input type="text"/>
Country	Select Country <input type="text"/>	Street Address	<input type="text"/>
Zip	<input type="text"/>	City	<input type="text"/>
Comment	<input type="text"/>		

Agreement on the Provision of e-Learning Services

Agreement on the Provision of e-Learning Services

Subject Matter of the Agreement

KJ Engineering offers an online e-learning software platform enabling users to familiarise themselves with type-specific on board installation equipment (referred to as the "Application") and allowing a party entering with KJ Engineering into this Agreement (the "Customer") to train its personnel (the "User" or "Users") cost-effectively and time-efficiently over the internet.

I have read and accepted the Agreement on the Provision of e-Learning Services.

Consumers are entitled to the following right of revocation

Right of revocation

You can revoke in text form (e.g. letter, fax, e-mail) your contractual acceptance to the Services within 14 days ("Revocation Period") without providing any reason. The Revocation Period begins on receipt of these instructions in text form, but not before conclusion of the Contract, and not before KJ Engineering has fulfilled its obligations: (i) to provide information pursuant to Article 246 Sec. 2 in connection with Sec. 1 Para. 1 and 2 EGBGB [Introductory Act to the German Civil Code], and (ii) pursuant to Sec. 312g Para. 1 Clause 1 BGB [German Civil Code] in connection with Article 246 Sec. 3 EGBGB. Dispatch in time of your notice of revocation is sufficient to comply with the Revocation Period. The revocation notice shall be addressed to:

I confirm that I have been informed about my right of revocation.

4. Select the **payment method** you prefer and click the **Payment** button.

Please choose your payment method

Select Method

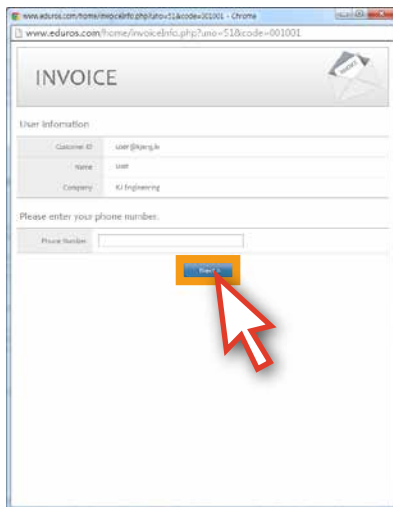
Select Method
INVOICE
PAYPAL
INICIS

Please choose your payment method

INVOICE

Payment

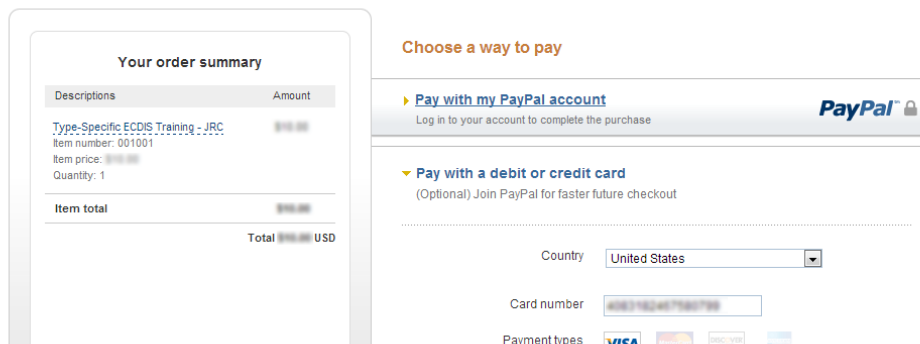
There are 3 ways for payment : 'INVOICE', 'PAYPAL' and 'INICIS'



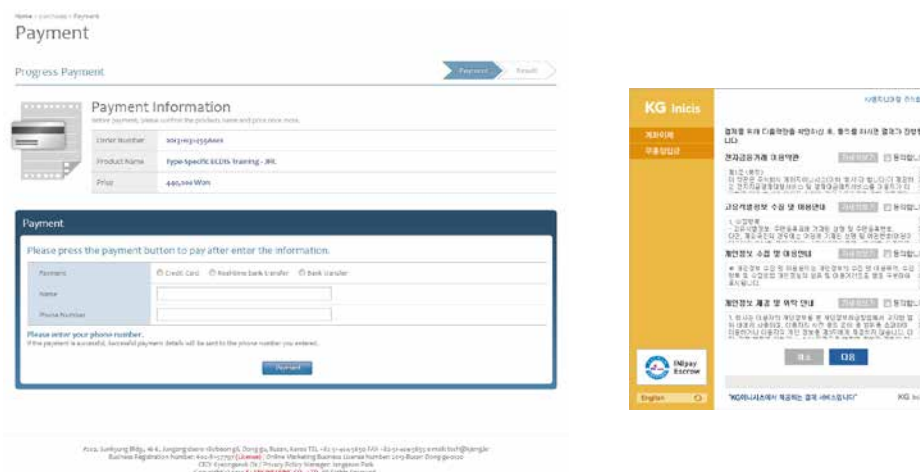
If you select the **INVOICE**, you will see the Proforma Invoice with your payment details. This payment method is the Telegraphic Transfer. After you remit the payment, the commercial INVOICE will be issued.

If you select the **PAYPAL** or **INICIS**, you can use your credit cards.

* For your information, the INICIS payment system only accept local credit cards which are issued by Korean card companies.



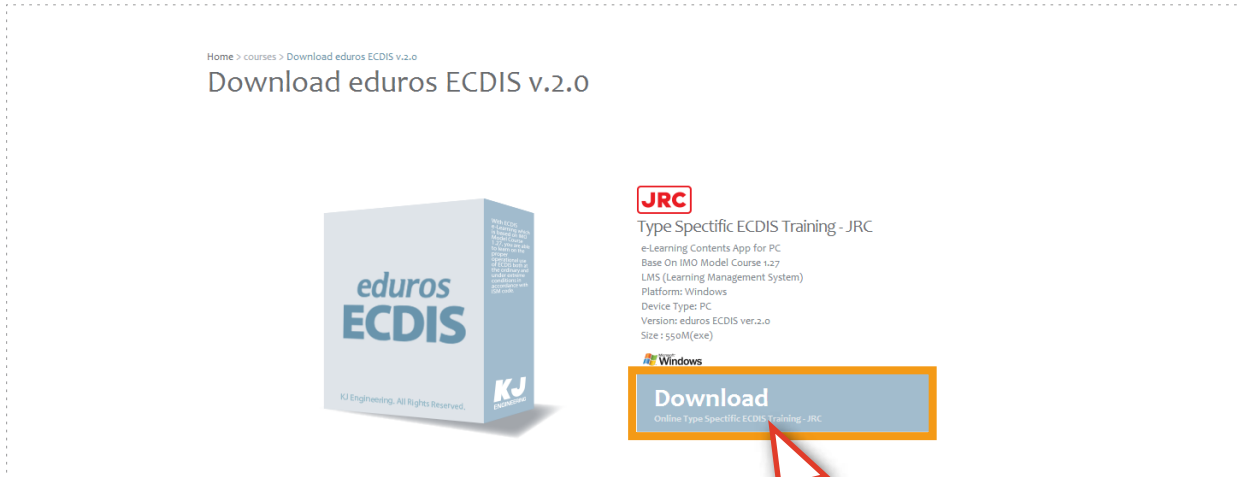
PAYPAL payment window



INICIS payment window

4. edurosECDIS Training Program Download

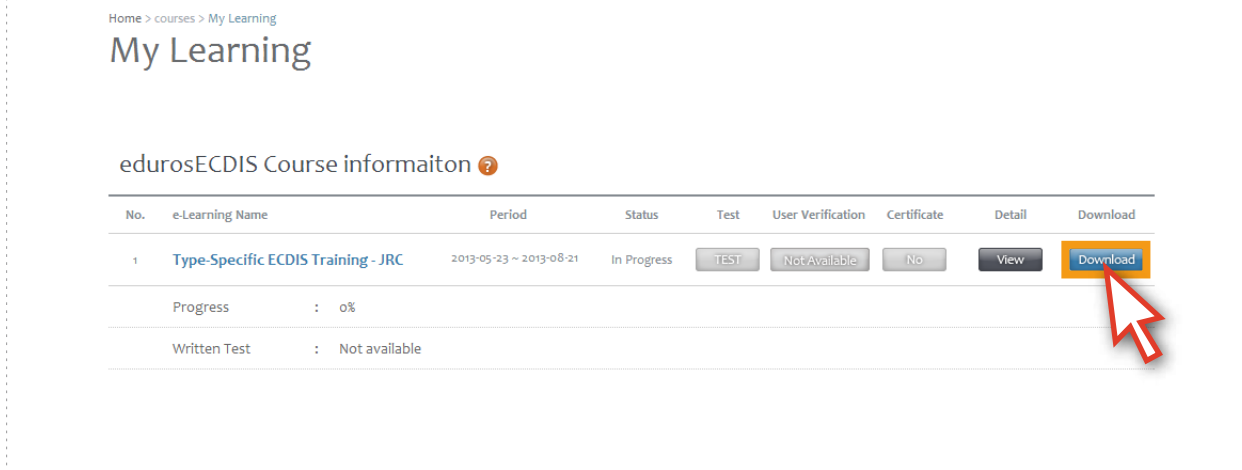
1. Once the payment is completed, you will be redirected to the page where you can download the program which you bought.
Download the 'edurosECDIS program' file on your PC.



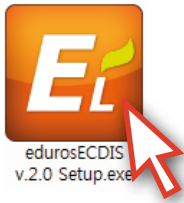
- * You also can download the program in 'My Learning' page of drop down menu after you sign in.



Click the **Download** button on My Learning page.



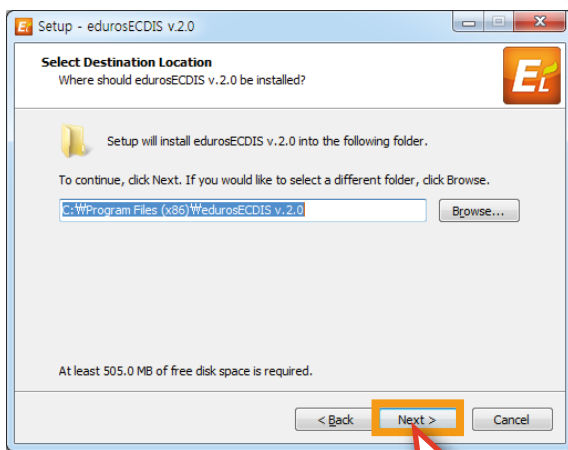
5. edurosECDIS Training Program Installation



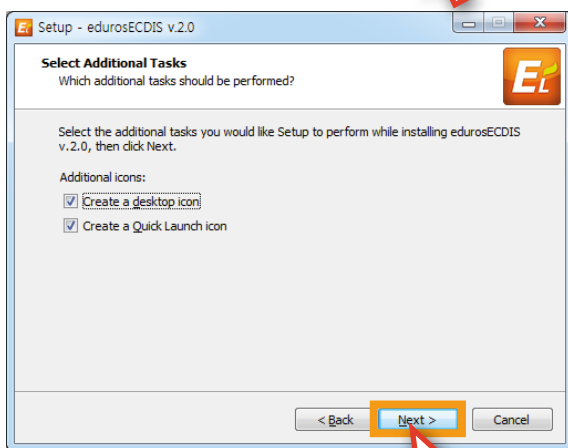
1. Start the program installation by running the downloaded 'edurosECDIS v2.0 Setup.exe' file.



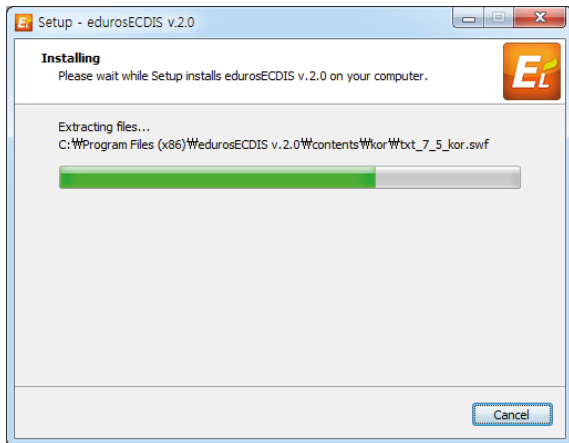
2. Click the **Next** button.



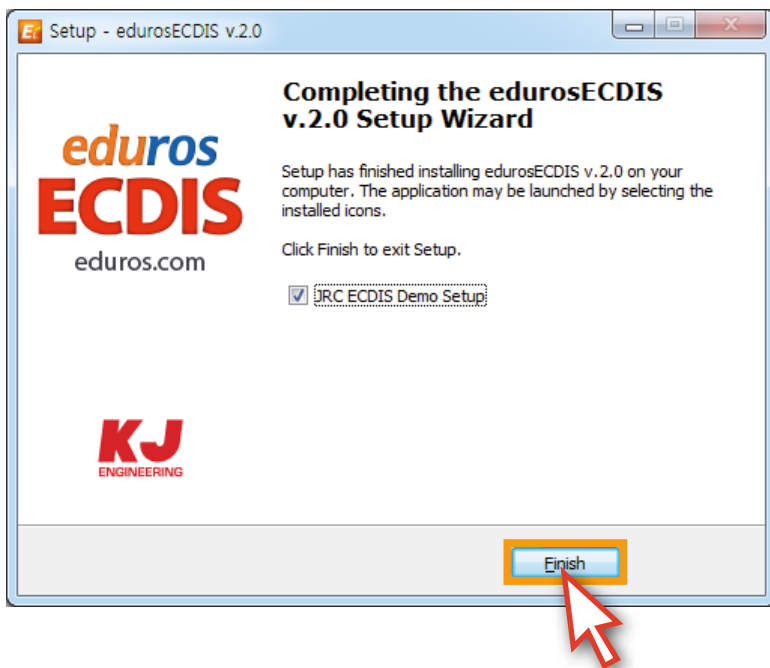
3. Click the **Next** button after select the folder for installation.



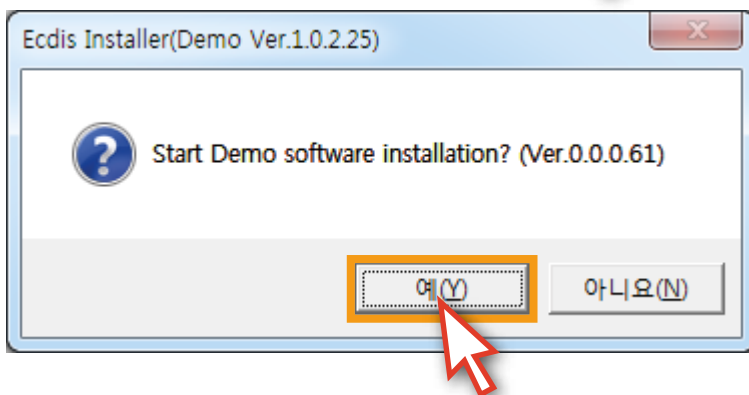
4. Check the **Create a desktop icon** and the **Create a Quick Launch icon**, if you want and click the **Next** button.



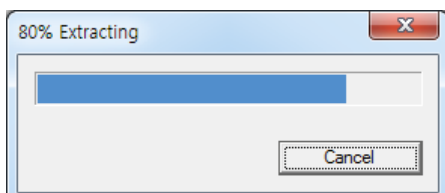
5. Installing will be started.

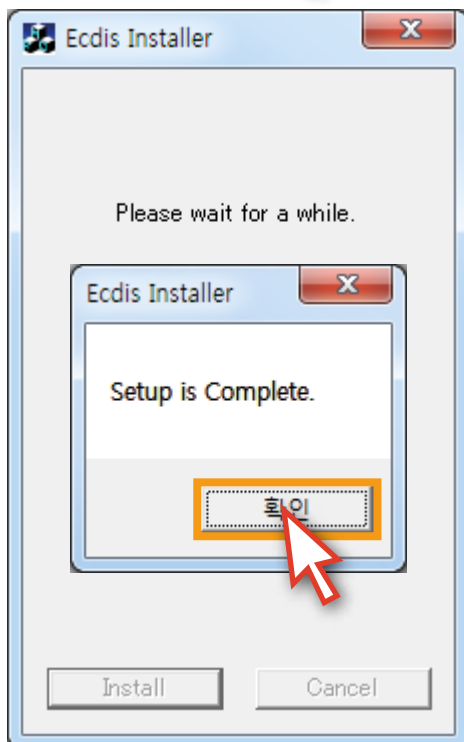
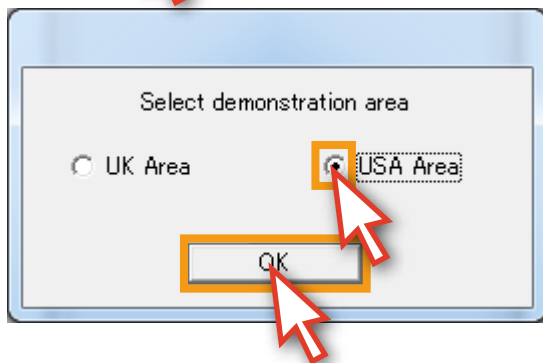
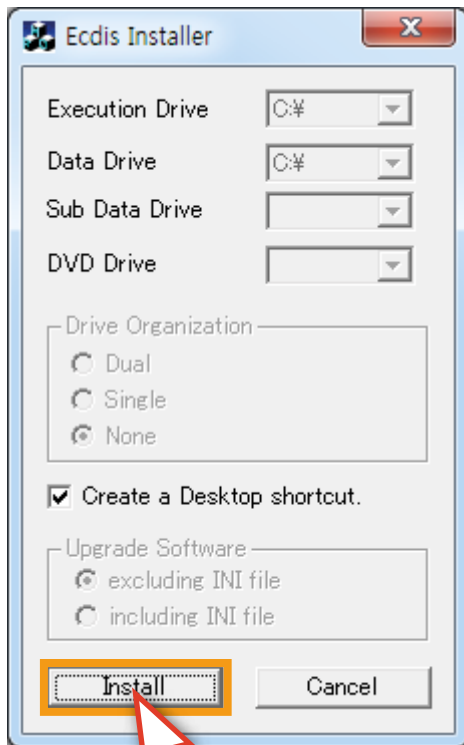


6. edurosECDIS v.2.0 installation has been completed. Please click the **Finish** button.



7. After completion of edurosECDIS v2.0 installation, 'ECDIS Installer (Demo Ver. 1.0.2.25)' pop-up window will appear. Click the **Y** button to install the 'JRC DEMO software'.





8. Click the **Install** button.

9. Select **USA Area** and click the **OK** button.
(all users should select the **USA area**.)

10. To complete the program installation, click the **확인** button in Setup is Completed.

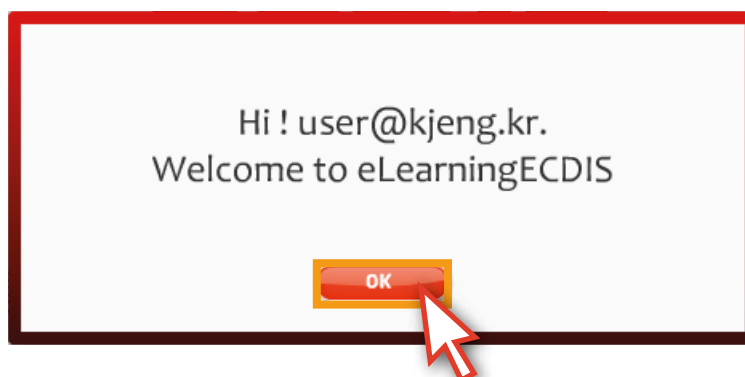
6. edurosECDIS Training Program Execution

Now you can start the training using the downloaded program on your PC.

1. Run the training program by clicking the **edurosECDIS** icon on your desktop.



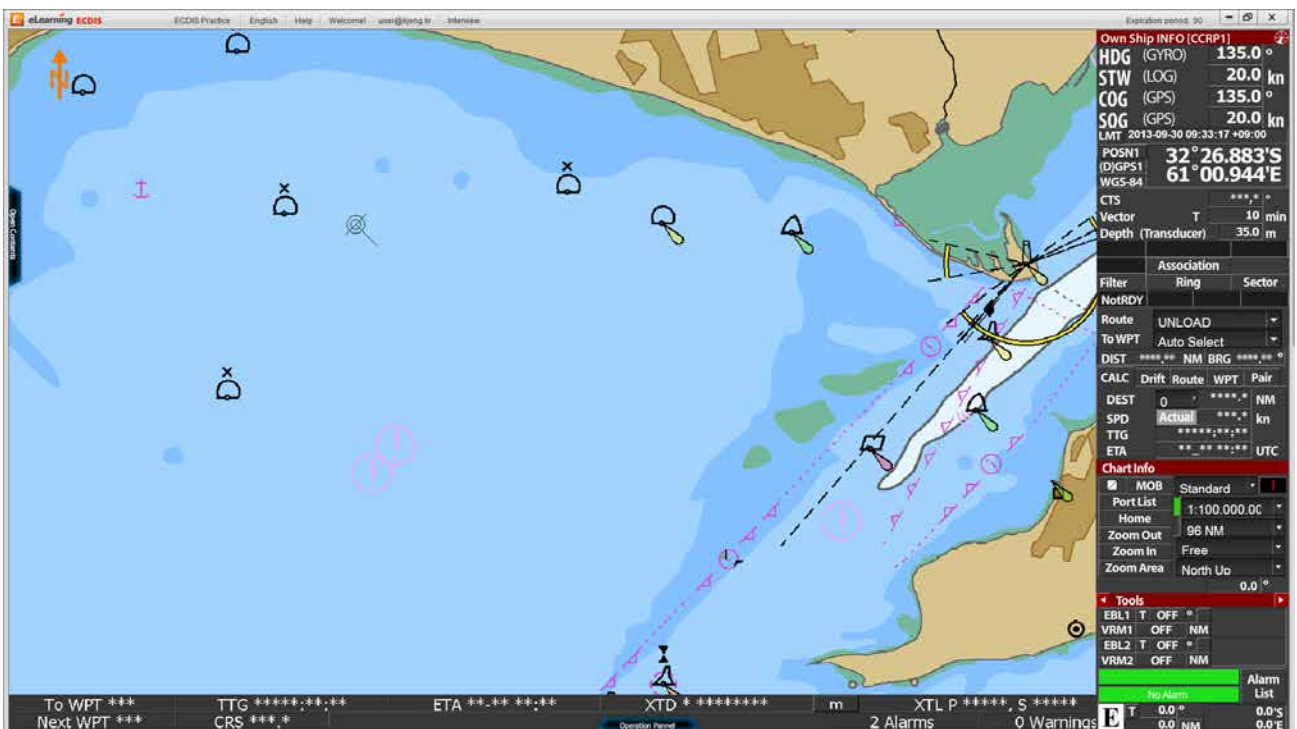
2. Input your **User ID** and **Password** to log into the program.



3. Select the language you want to use for the training.

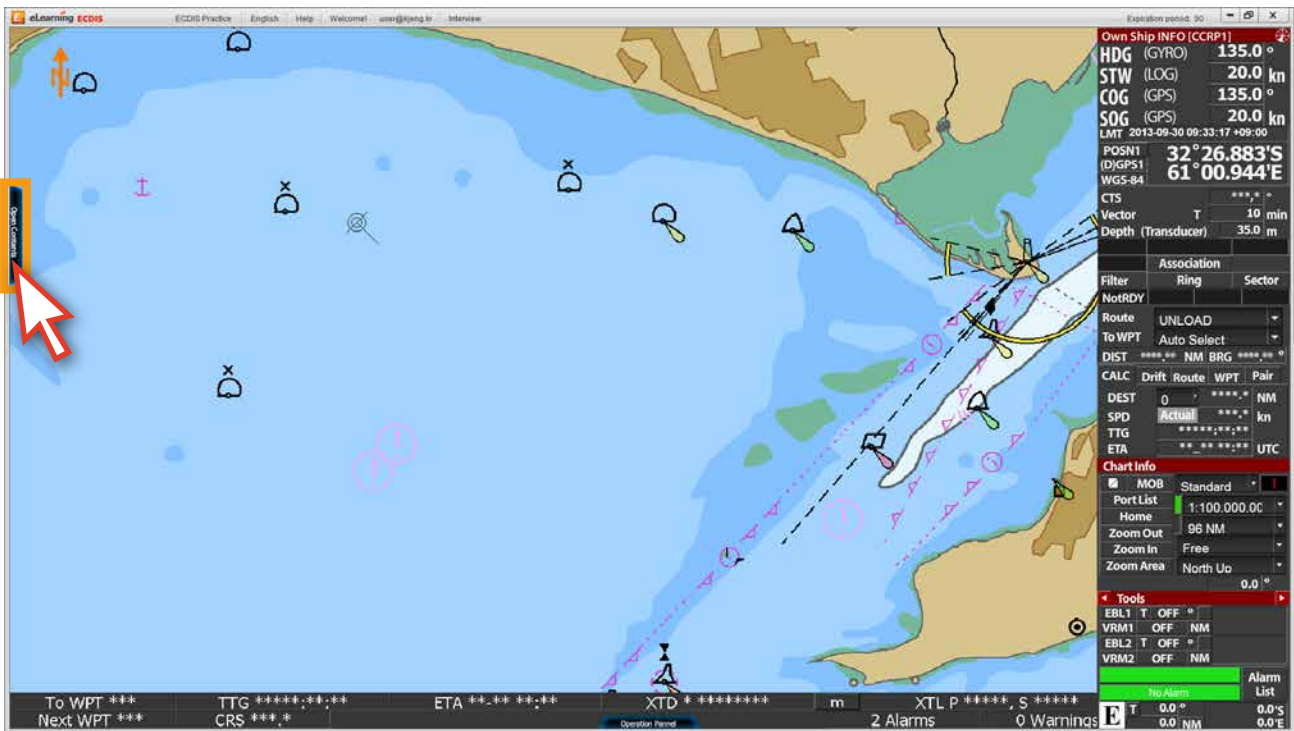


4. The 'training program' will start.

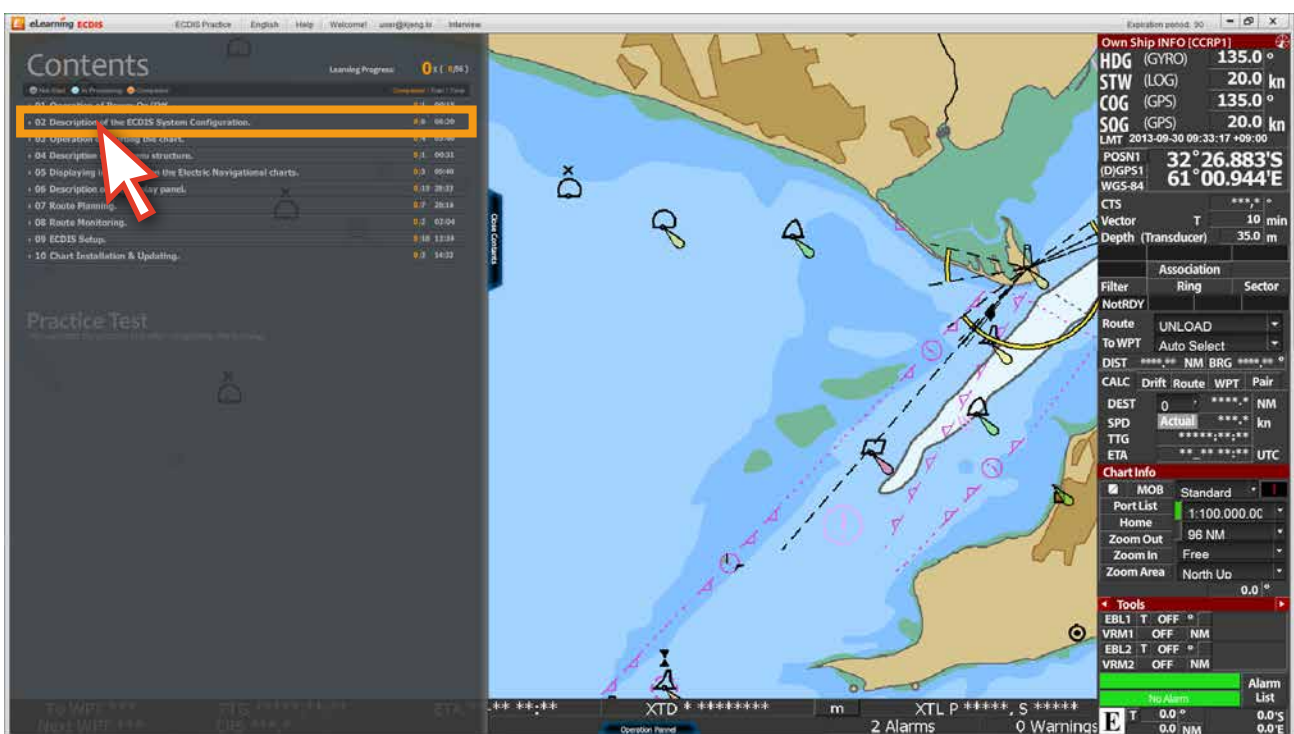


7. edurosECDIS Training Program Functions

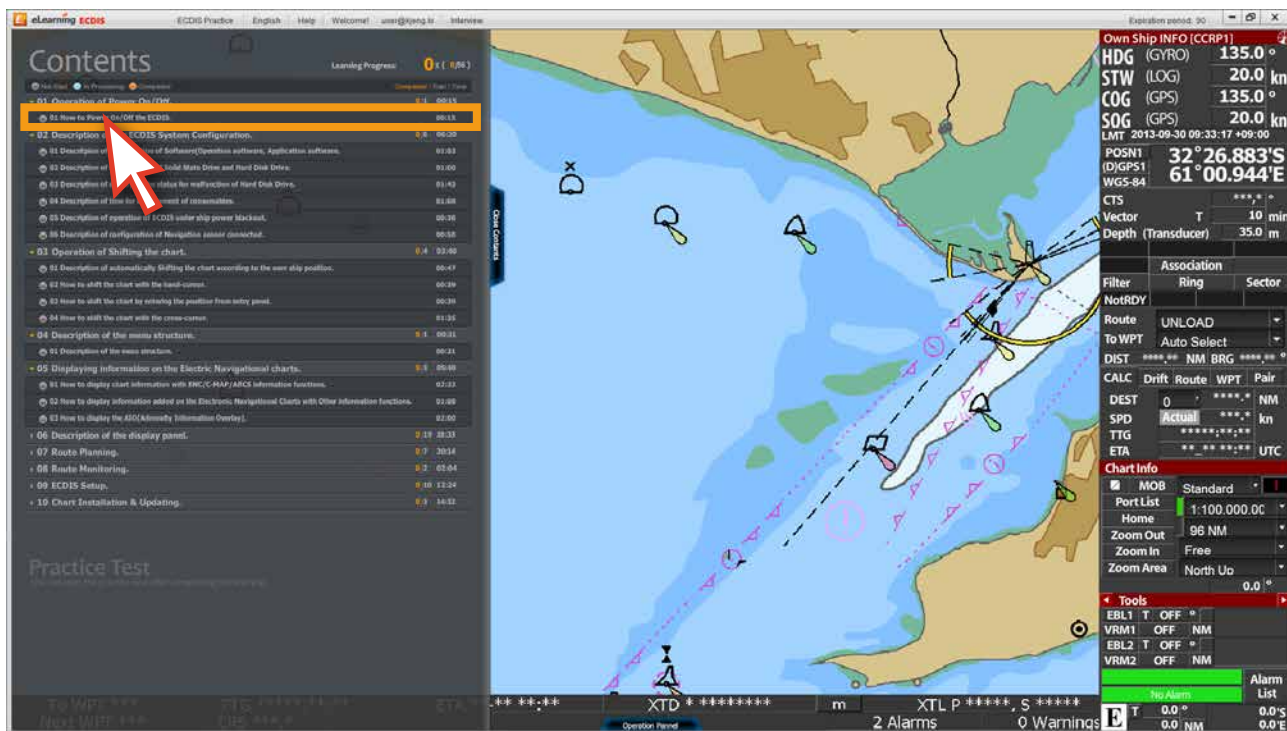
1. Click the **Open Contents** on the left side of the main screen.



2. The 'Contents list' will appear and you can select the each **title** on the list.
(If you click a **title**, the 'sub-title list' will appear and click the **title** again, the sub-title list will be closed.)



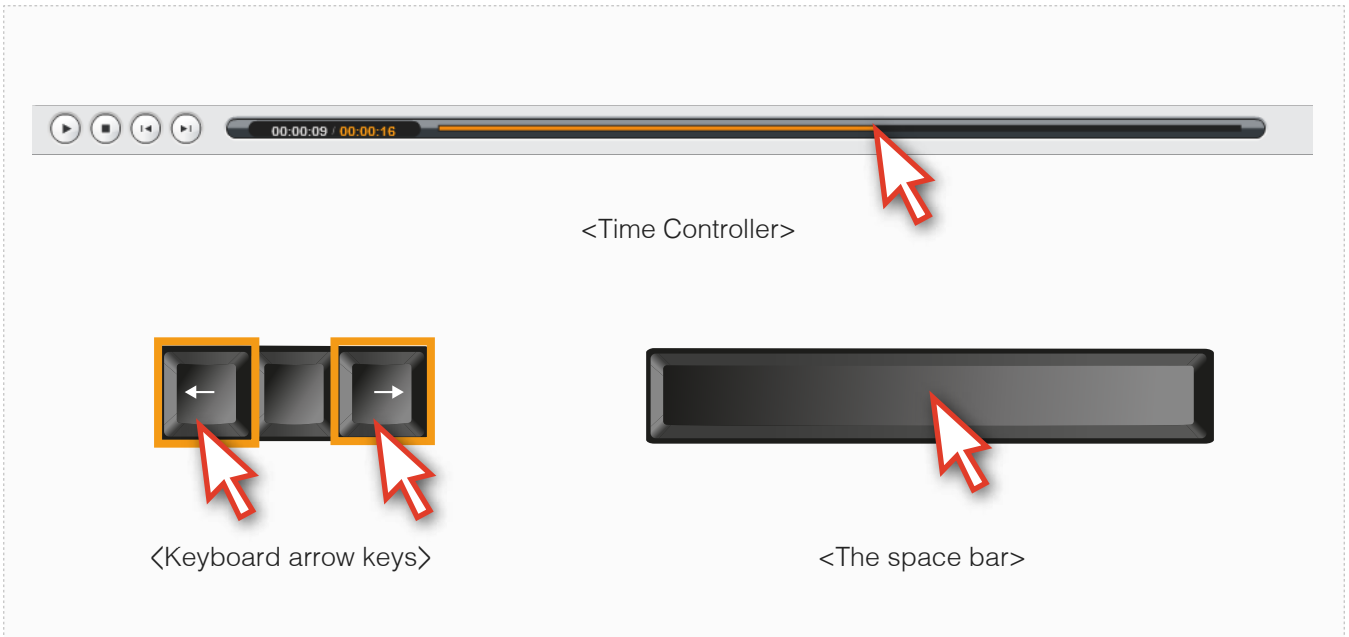
3. After you select a sub-title under the main one, the 'contents list' will disappear and the relevant training course will start.



4. The training will be held in the 'animation'.



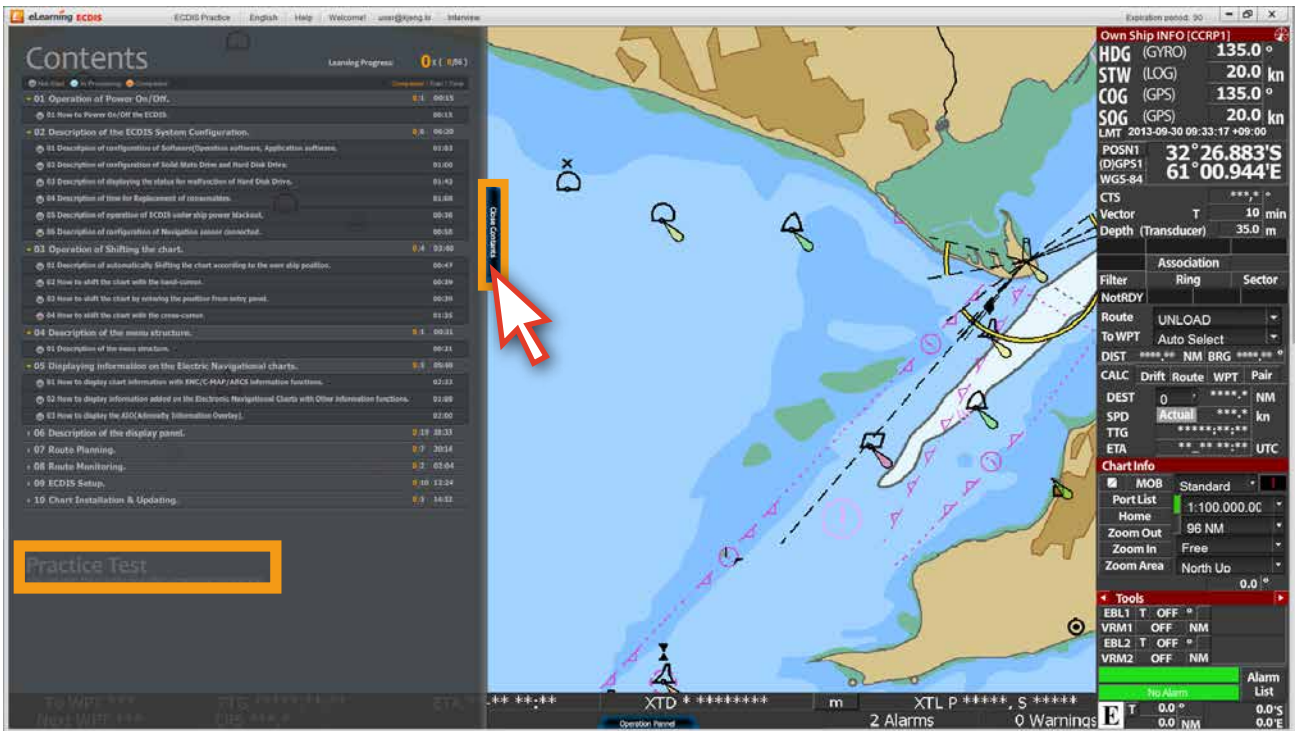
5. The animation is controlled by the 'Time controller', 'Arrow keys' and the 'space bar' on the key board just like a normal video player.



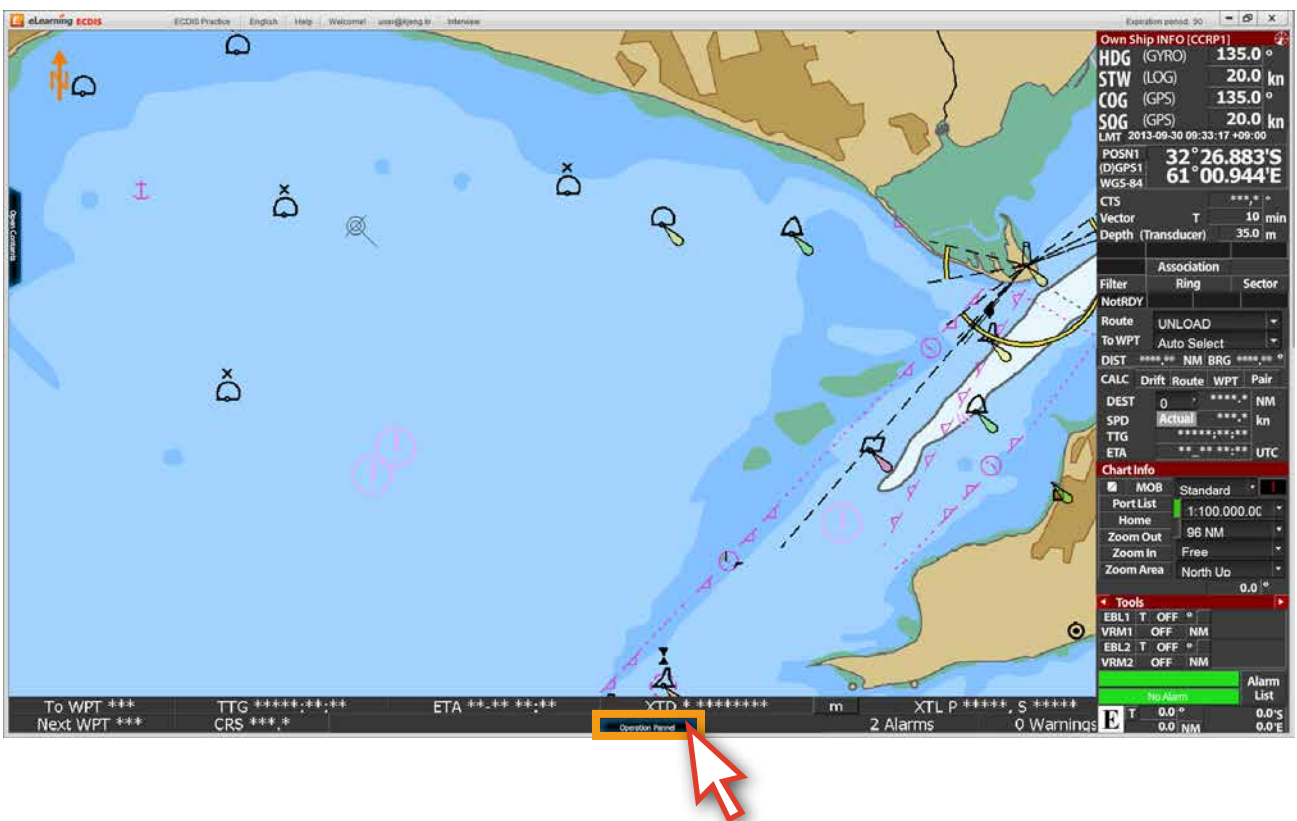
6. After finishing the animation, click the X button to close.



7. There is a 'Practice Test' under the Contents list and this function will be explained in chapter 13.



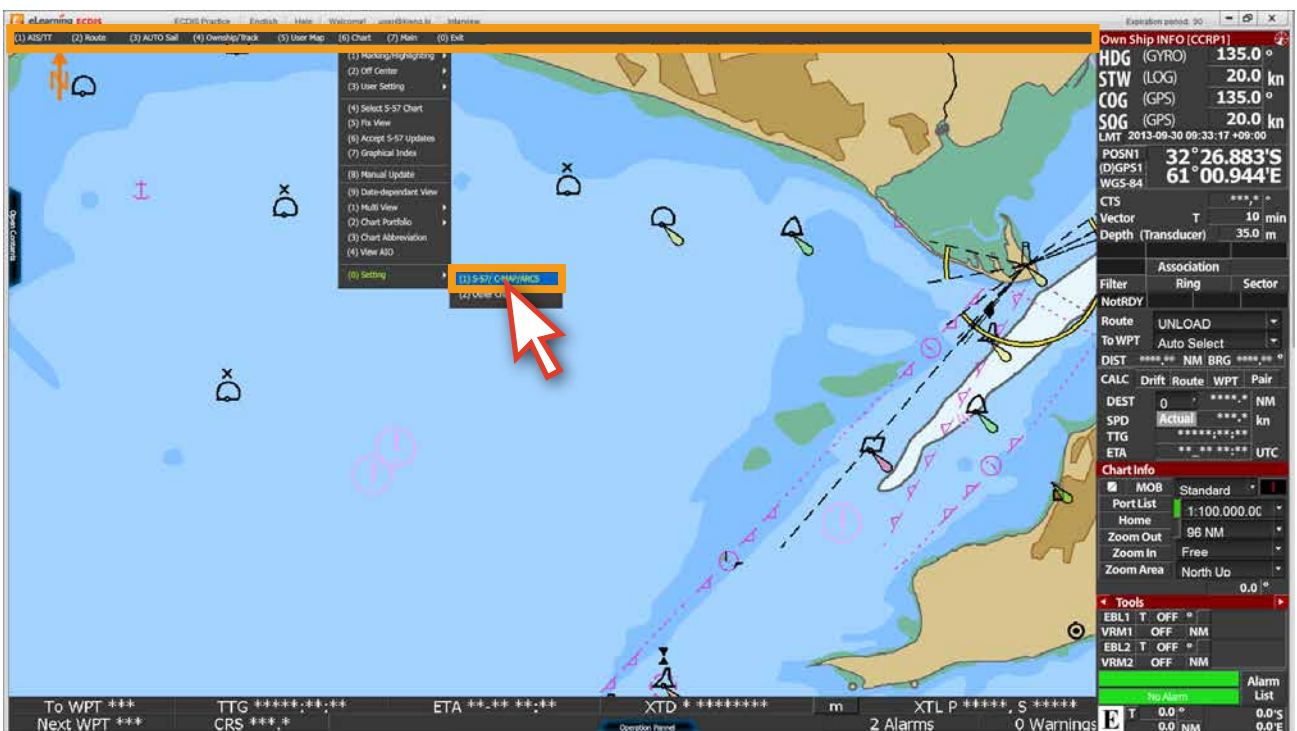
8. There is an Operation Panel at the bottom of the main screen.



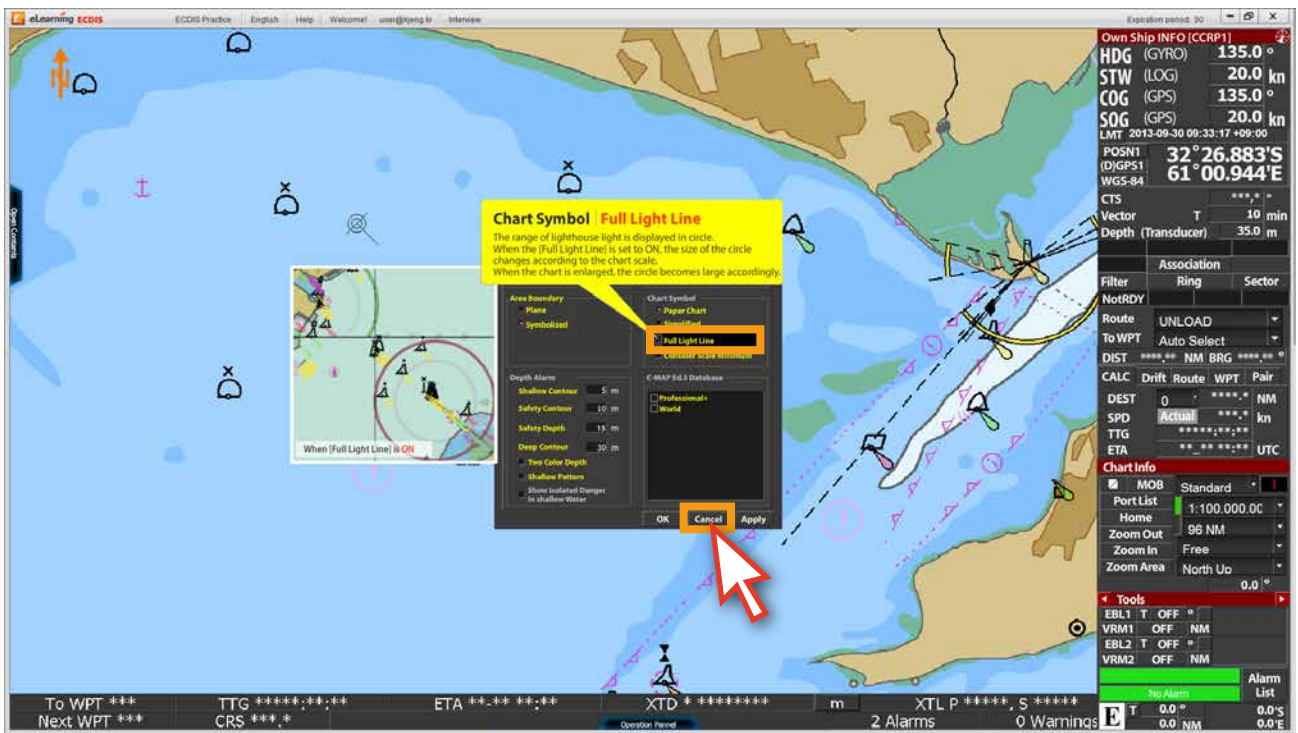
9. You can listen to or read the function explanation for each button on the 'operation panel'
 Click the **X** button or **Close Operation Panel** button to close the Operation Panel.



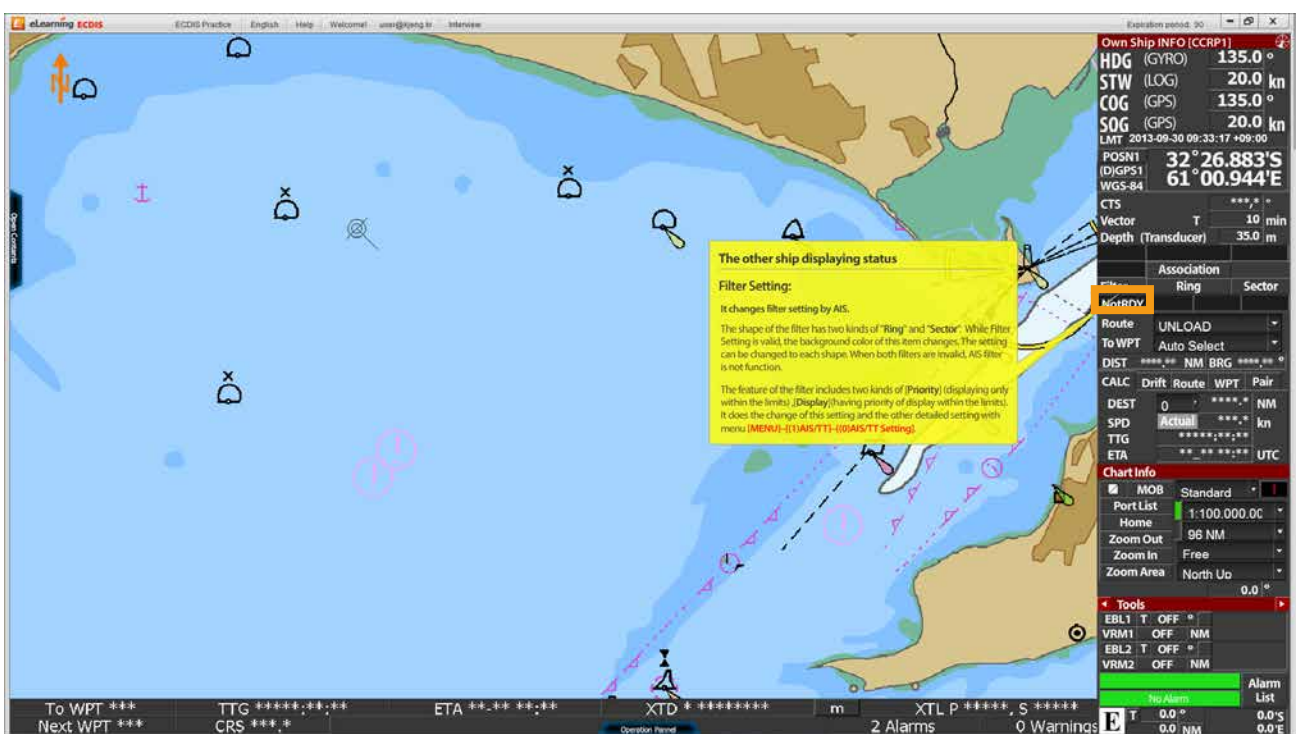
10. If you move the mouse to upper side of the main screen, the 'Menu Bar' will open.
 Click one of the **colored sub-menus**, then the 'corresponding pop-up window' will be opened.



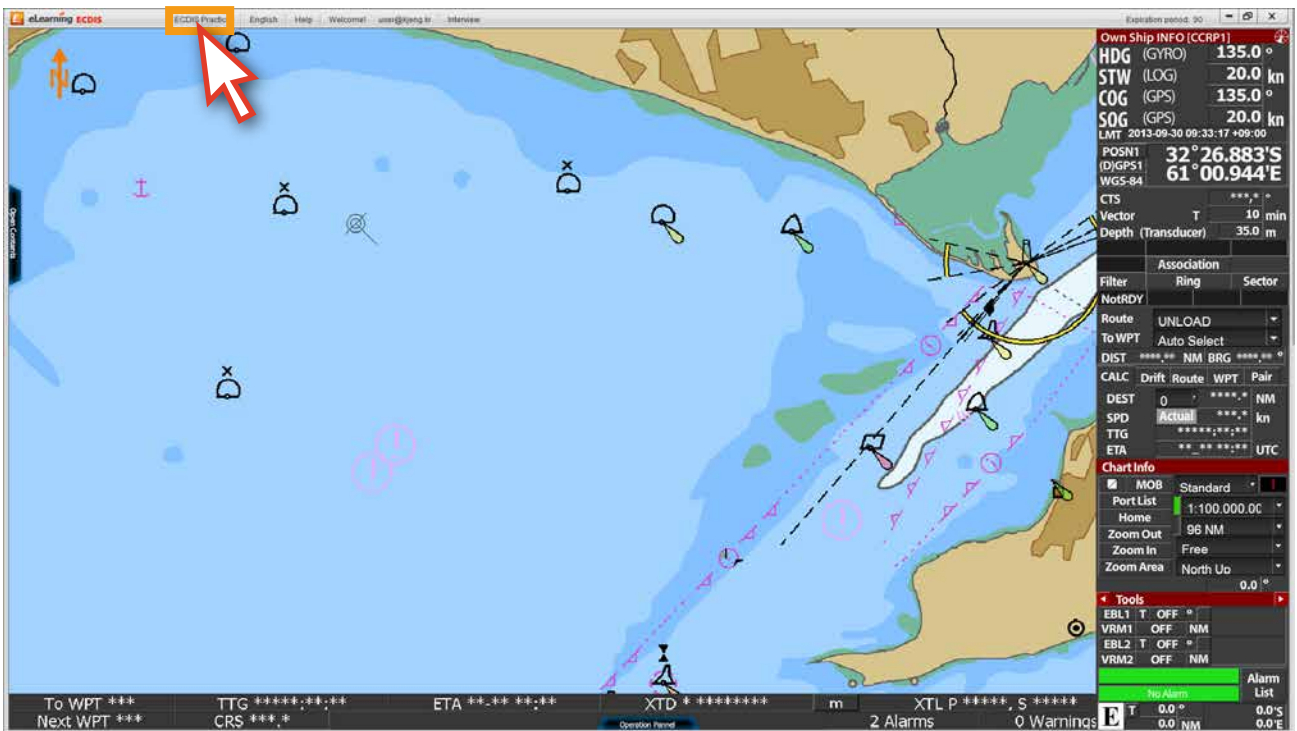
11. Mouse over each menu on the pop-up window for detailed information of the selection to show up in a 'yellow dialogue box'.
Click the X button or Close button to close the pop-up window.



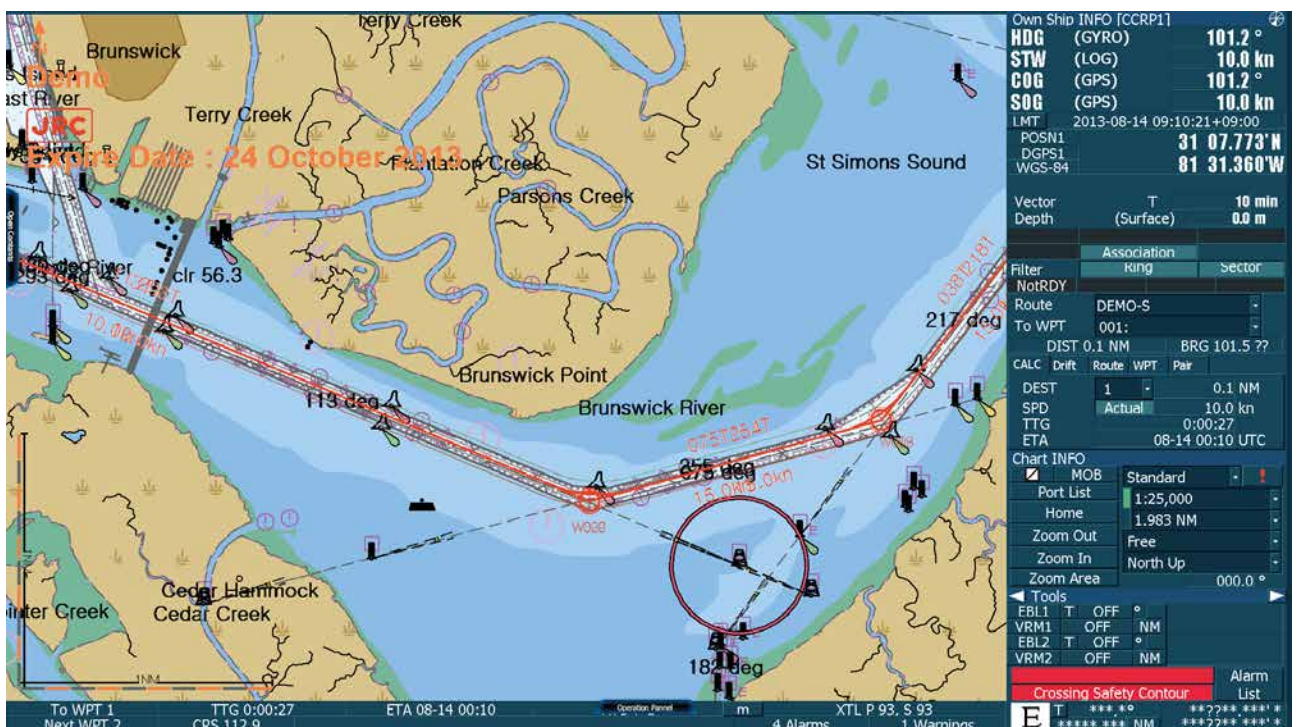
12. Mouse over each Display Panel menu at the left side of the main screen and detailed information of the menu will appear in a 'yellow dialogue box'.



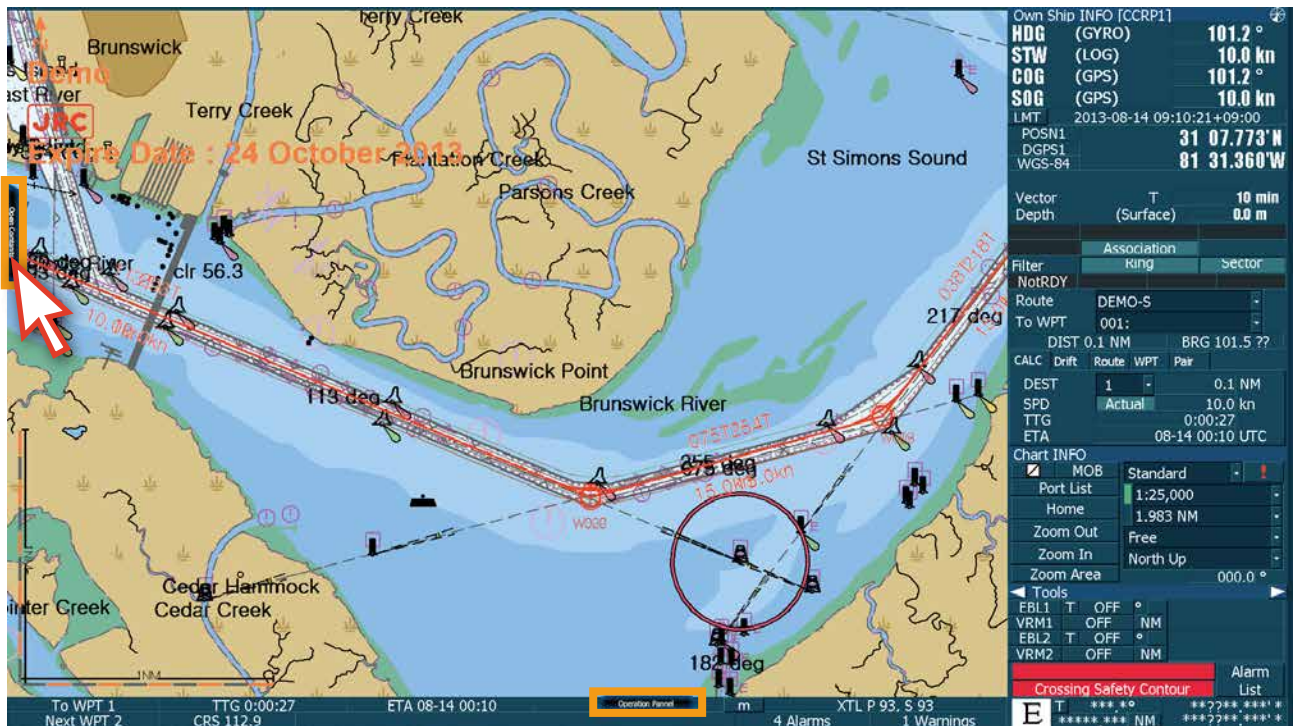
13. If you click on the **ECDIS Practice** menu at the top of the program screen, you will start the 'ECDIS practice program'.



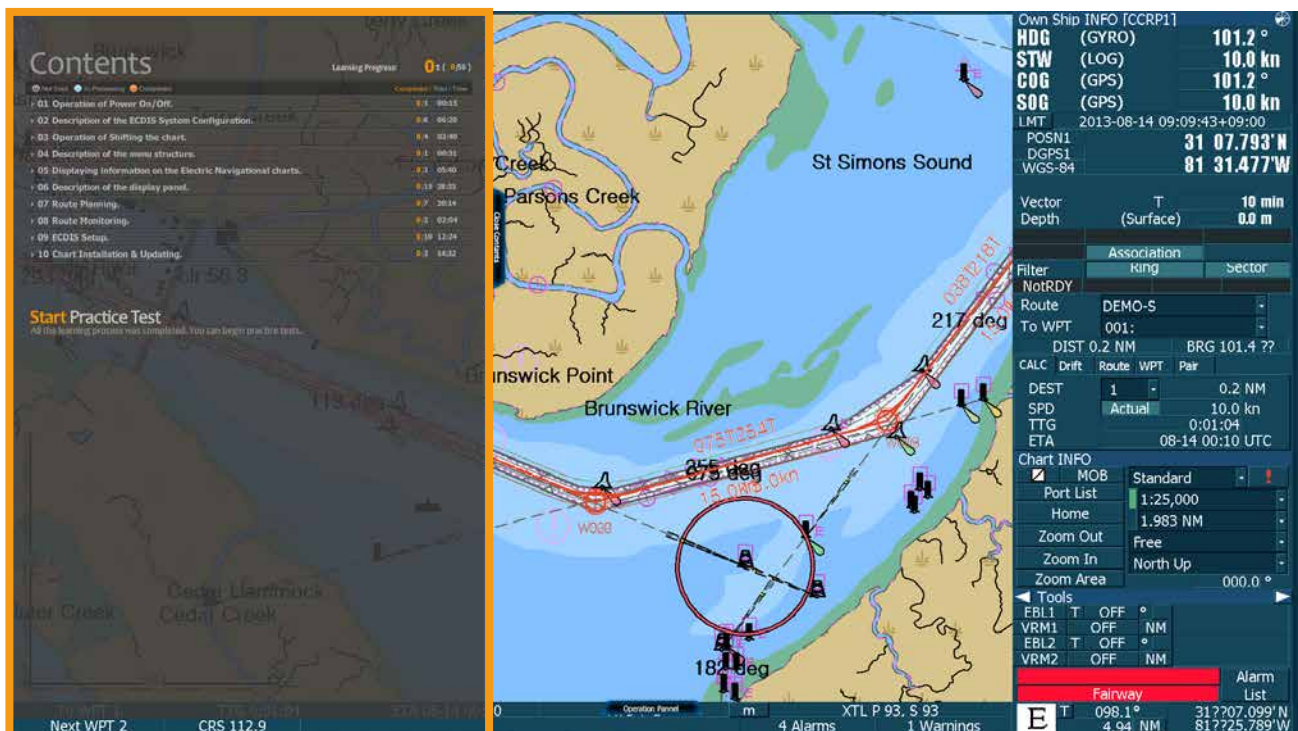
14. Below picture is an example of ECDIS practice program running. (Some Operation limited)
 The ECDIS practice program has an identical UI and the same functions as the real equipment and you can practice what you learned through the 'edurosECDIS animation'.



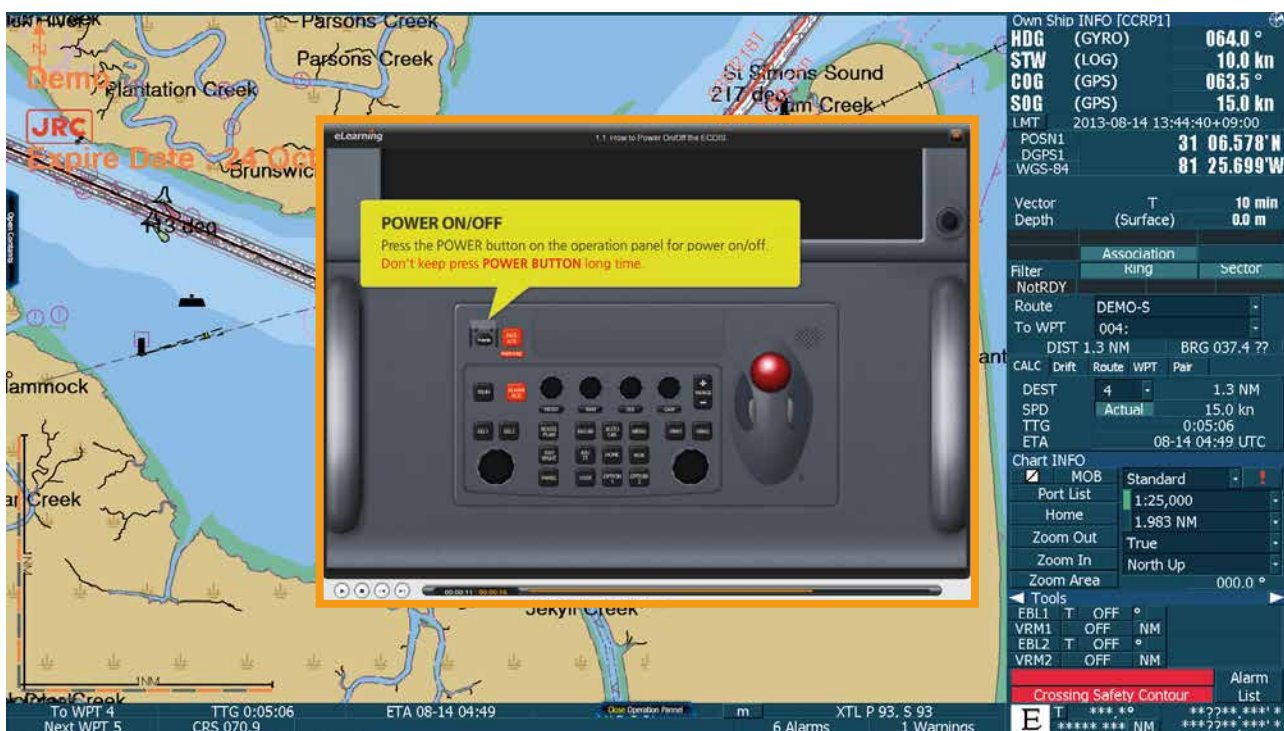
15. During the running of the ECDIS practice program, you can still open the 'Contents List' or 'Operation Panel' to take some help or references for your practice.



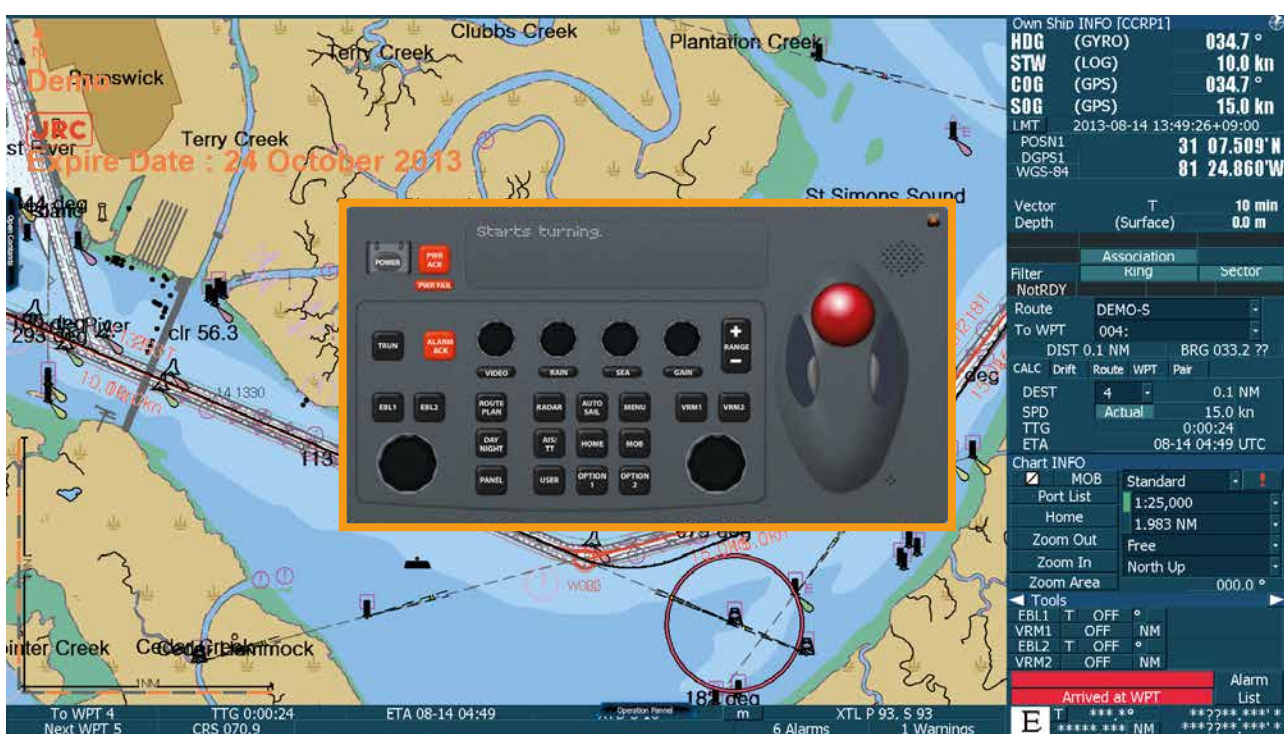
16. Below picture is the example of opening the 'Contents list' during the practice program running.



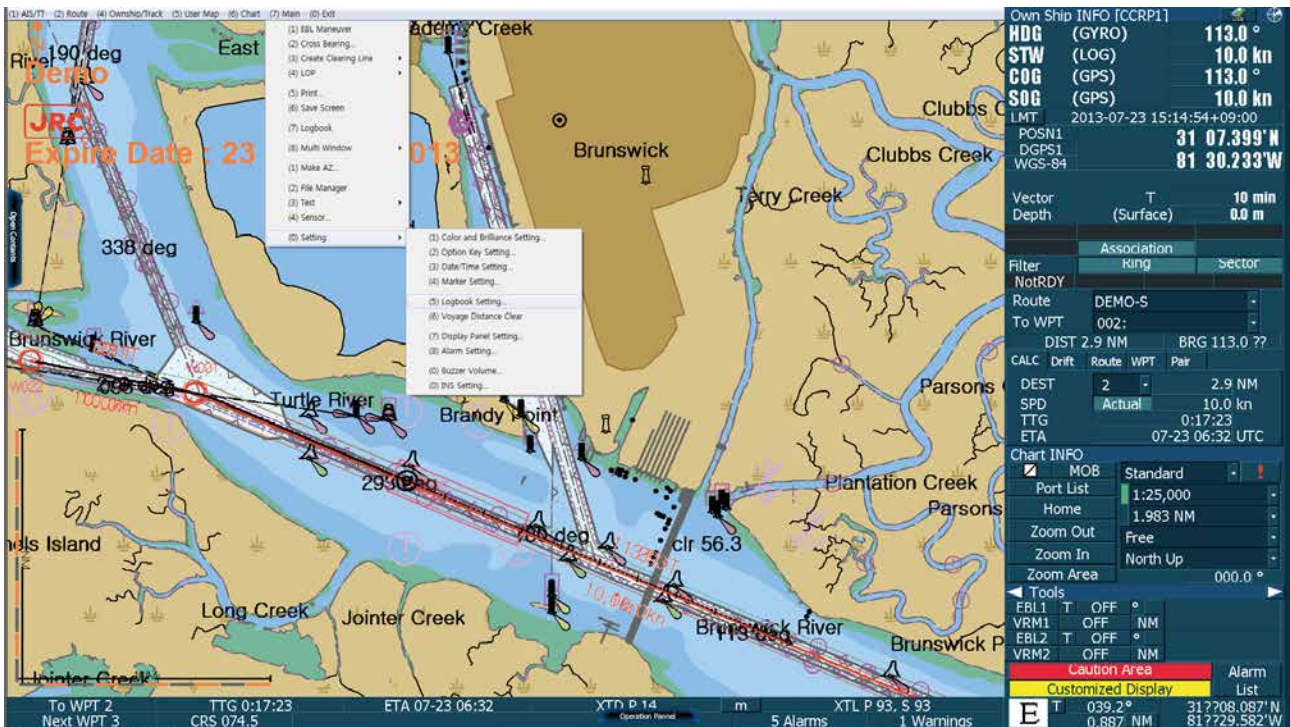
17. Below picture is the example of the 'animation' playing during the practice program running.



18. Below picture is the example of the 'Operation Panel' activation during the practice program running.



19. Below pictures are the samples of practicing with the ECDIS practice program.



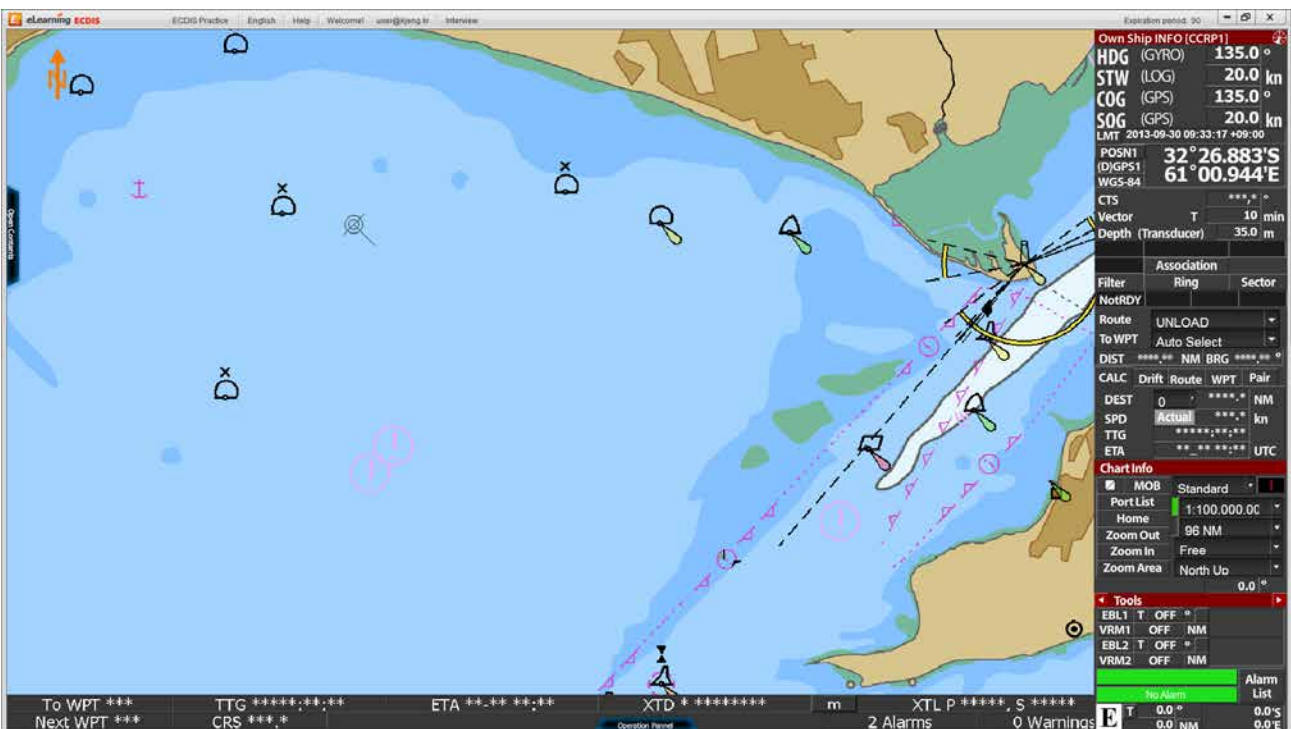
20. The 'top menu bar' and the 'Display panel' of right side are available to be operated by you for your practice just like real ECDIS functions.



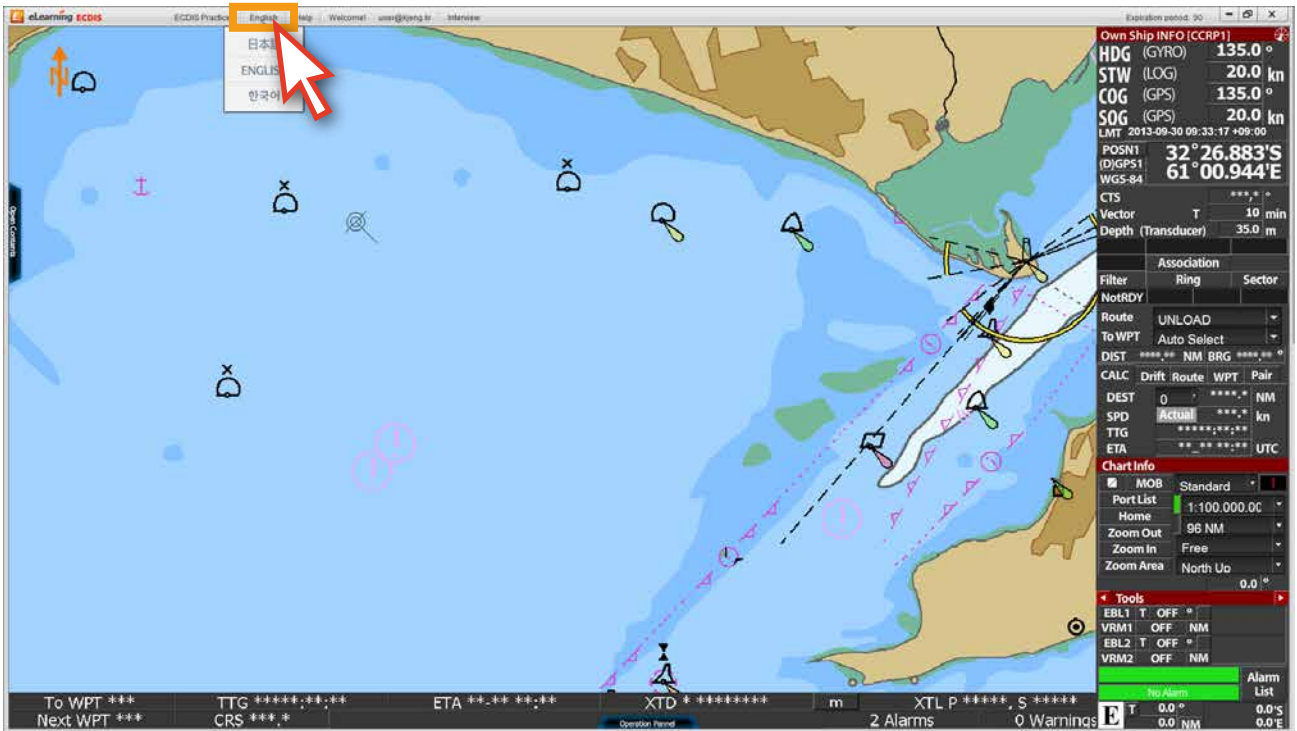
21. When you want to go back to the edurosECDIS from the practice program, click the (0) EXIT button at the top of the program screen.



22. Now you come back to the 'edurosECDIS main' page from the practice program.



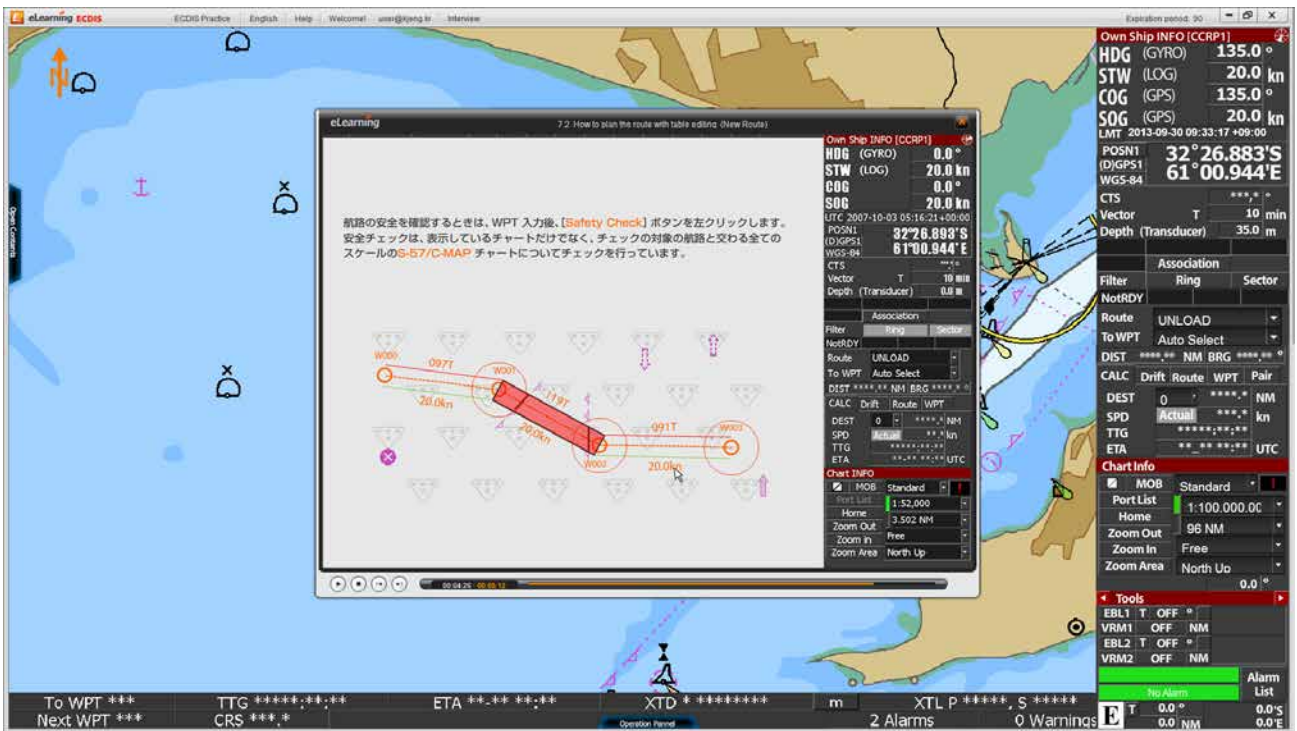
23. By clicking the **Language** menu, you can change your learning language. The three options are **English**, **Korean**, and **Japanese**.



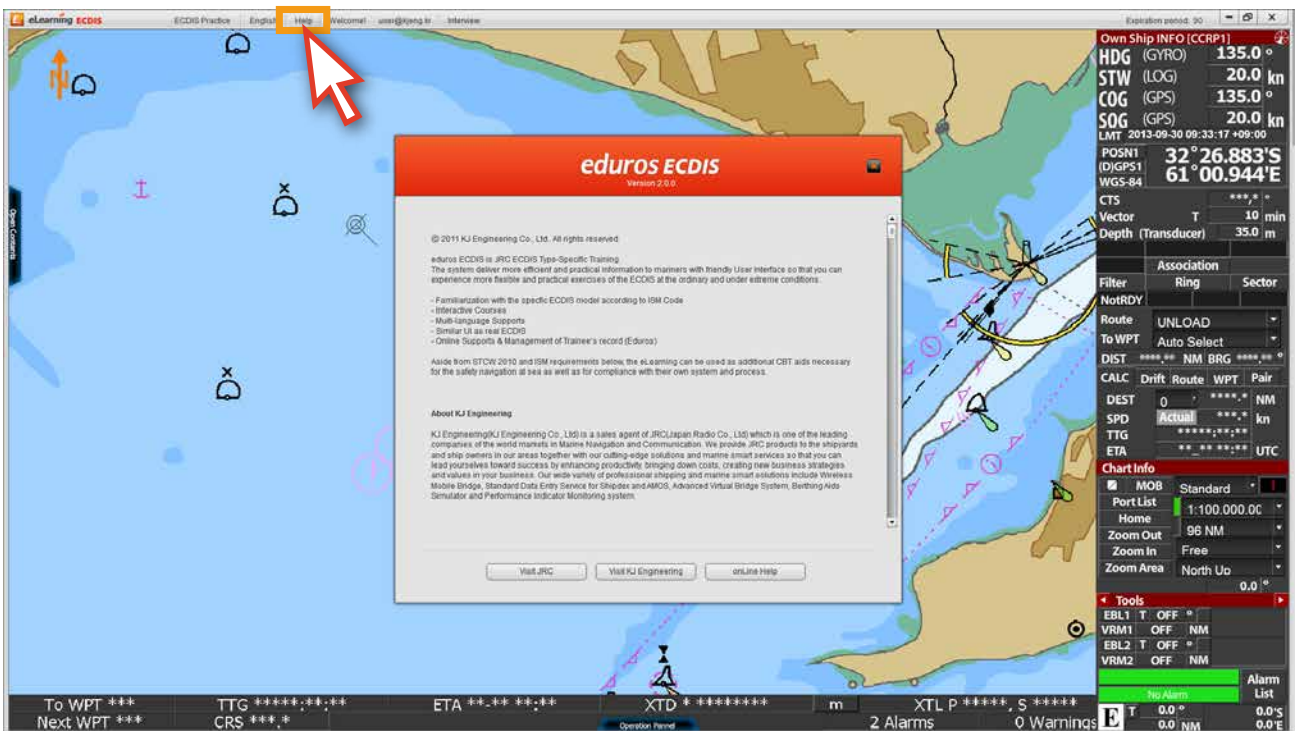
24. Click **Japanese**.



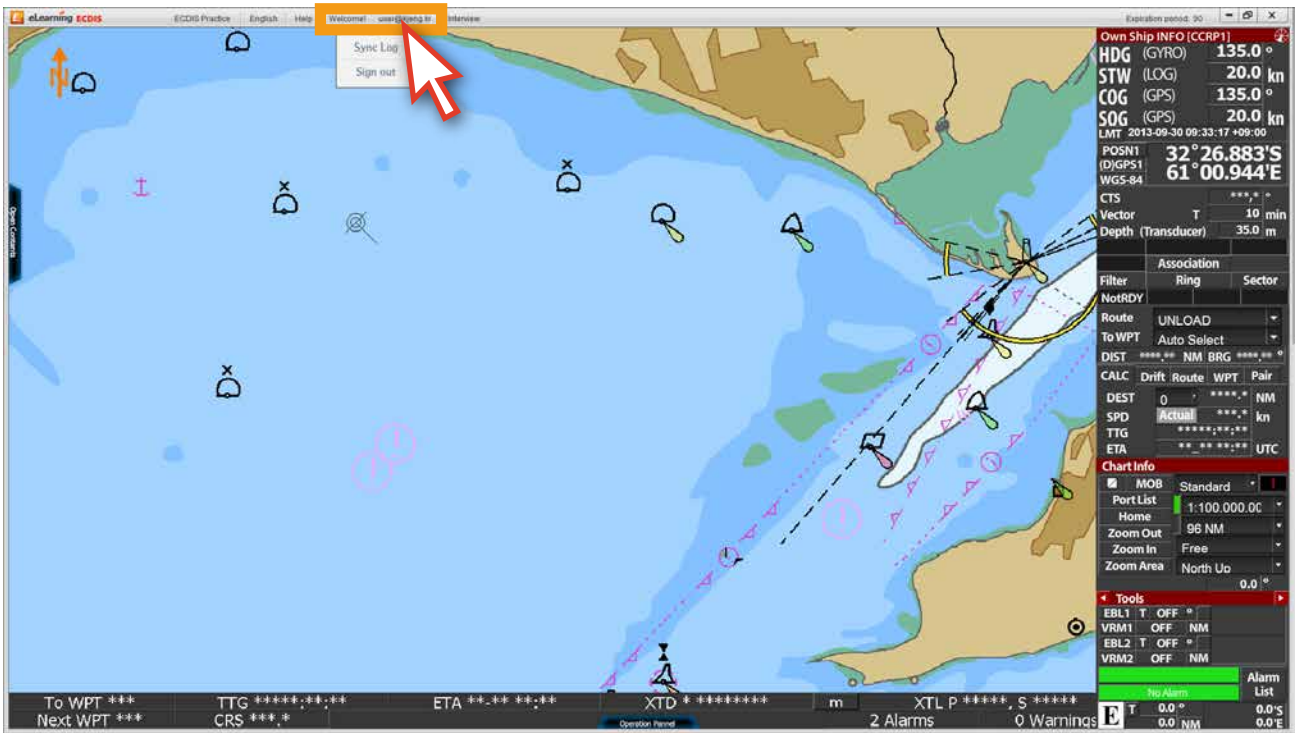
25. The content's language has been changed to 'Japanese'.



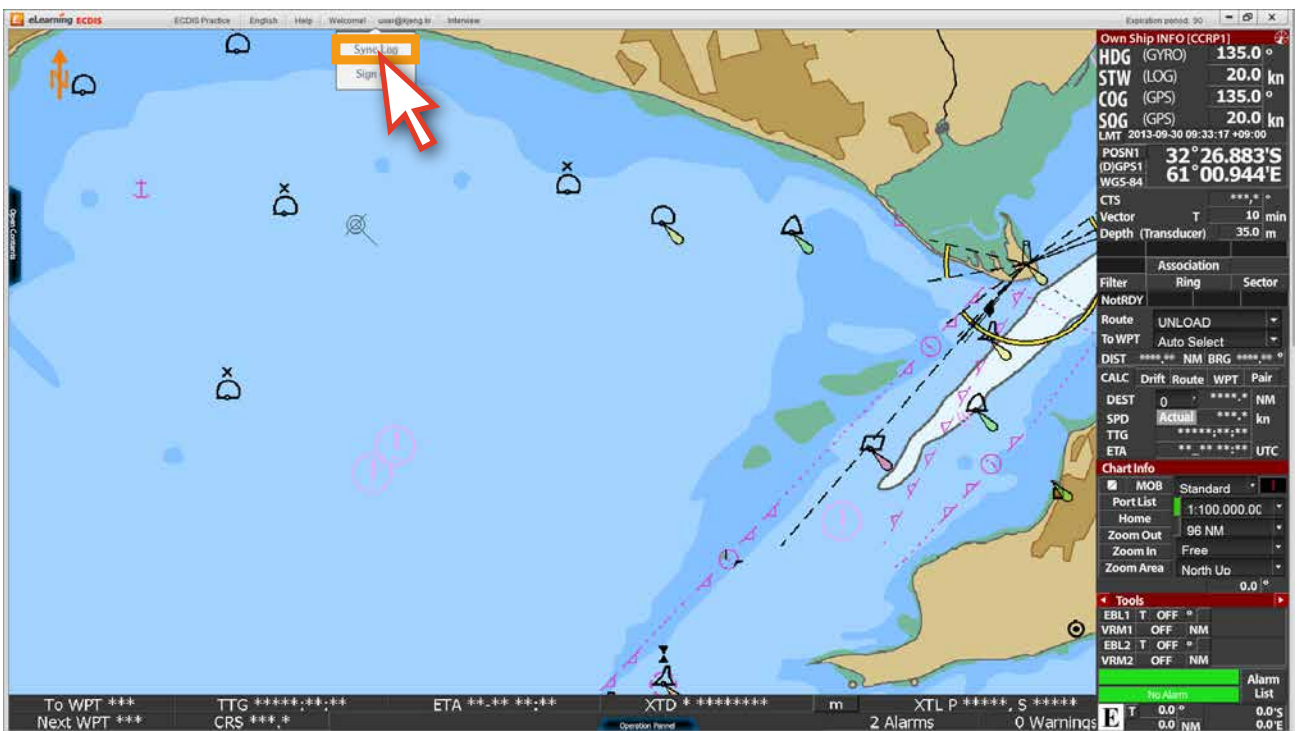
26. The Help menu provides 'eduroS ECDIS related information' through the pop-up window.



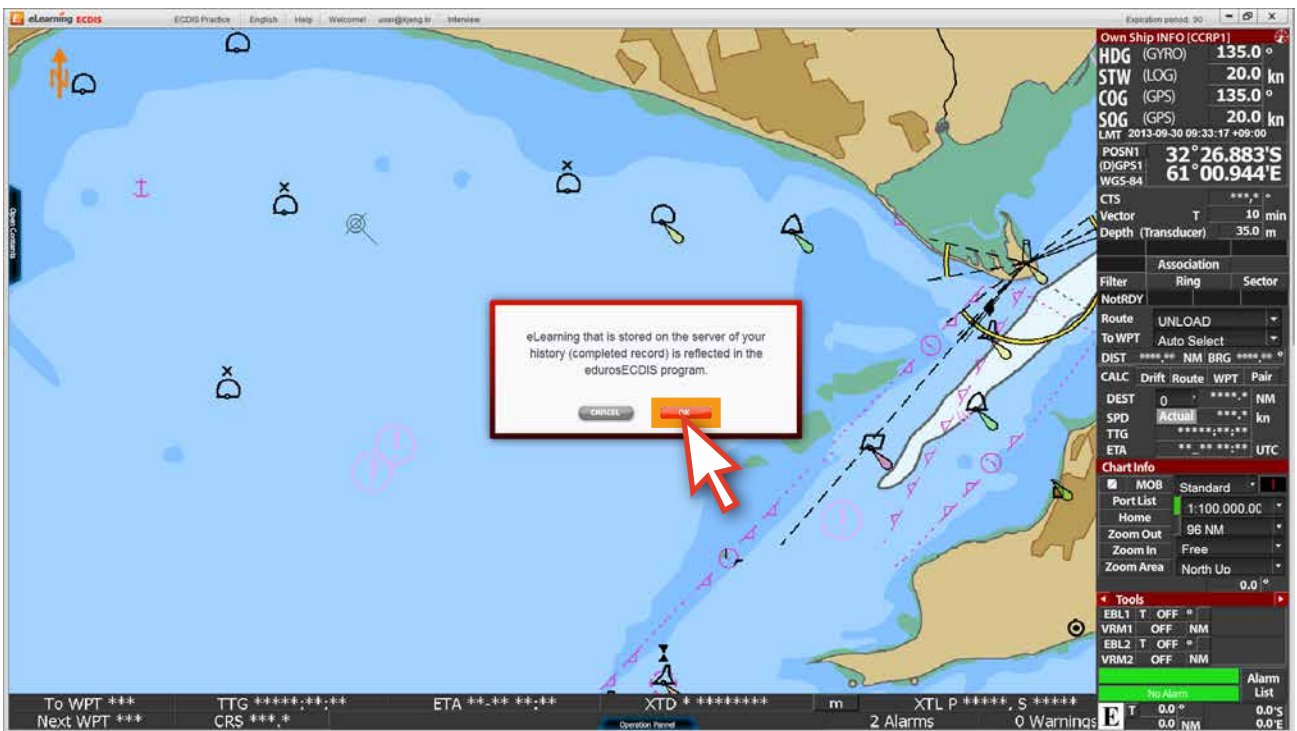
27. When you click **Welcome! XXX** at the top of the screen a dropdown menu is opened. The **Sync Log** synchronizes your learning records with other PCs, if you installed the eduroECDIS program on another PC and log in with same ID and Password.



28. Click the **Sync Log**.



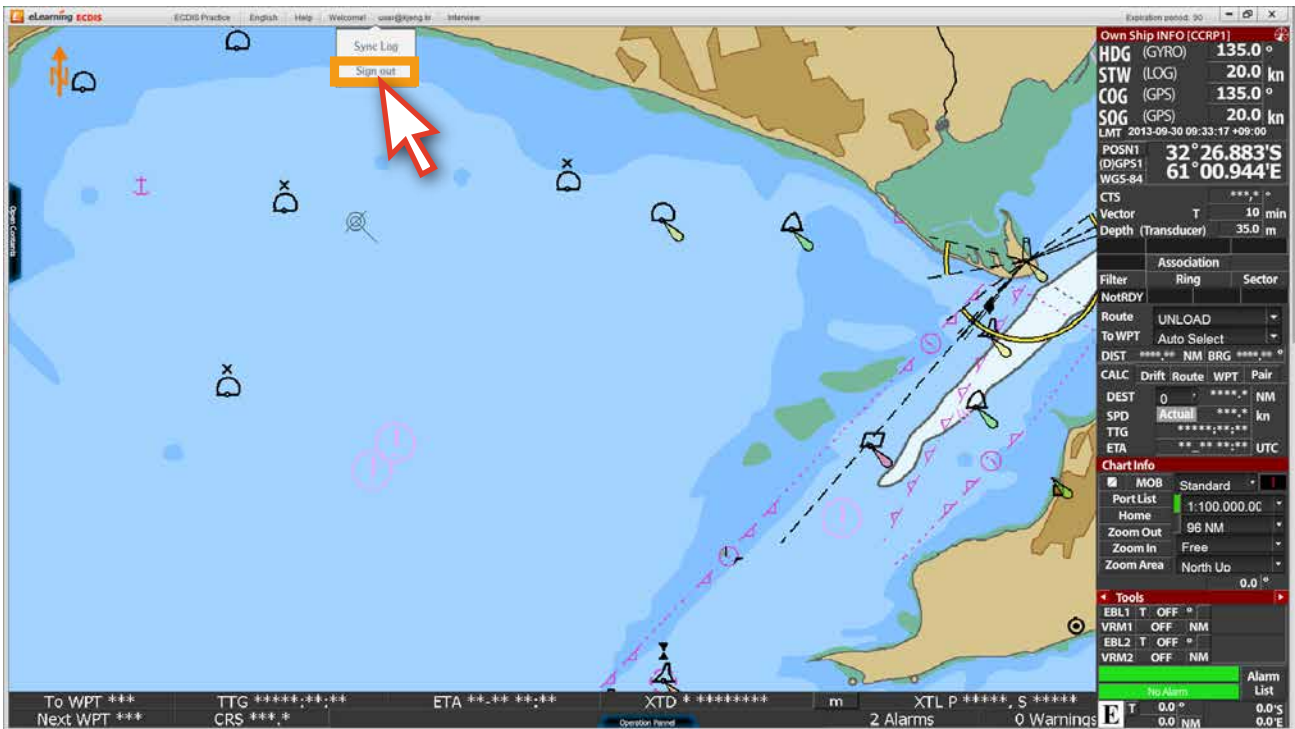
29. Click the OK button to reflect your stored history into the current edurosECDIS program.



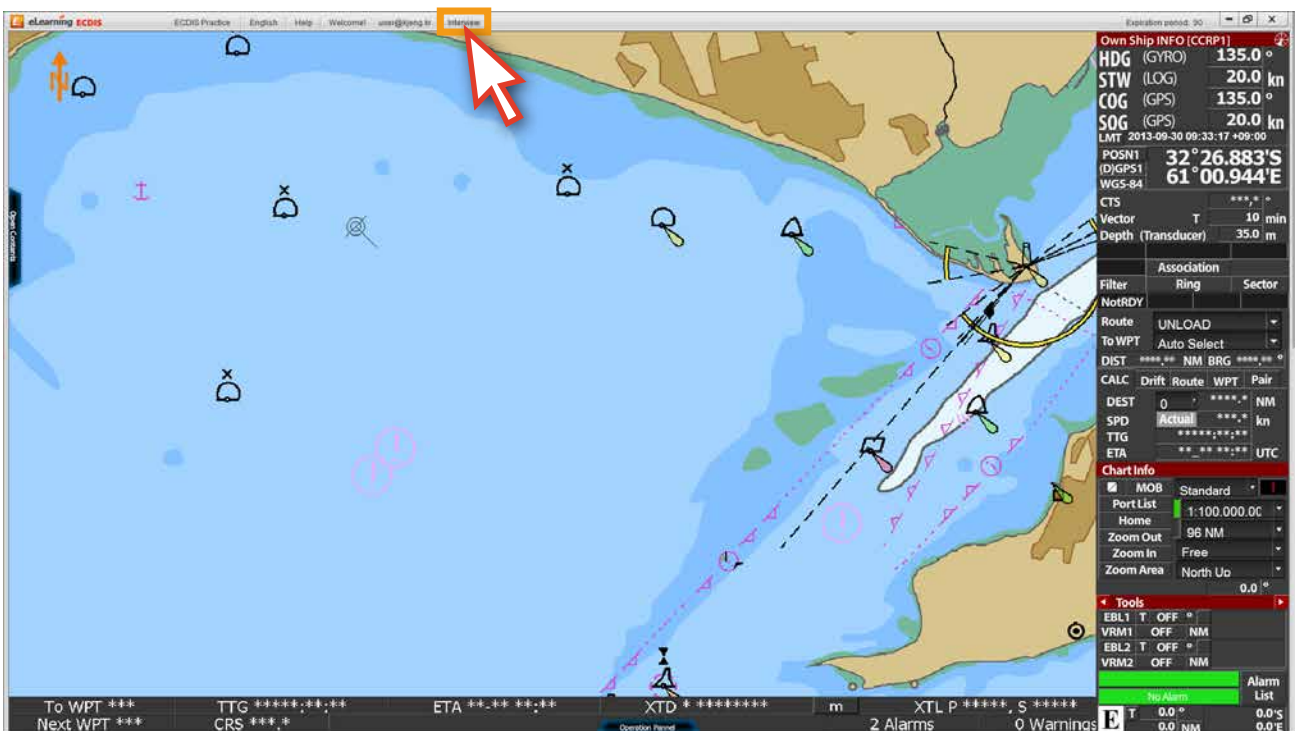
30. Your learning records will be synchronized with the present program.



31. When you click **Welcome! XXX** at the top of the screen, a drop-down menu is opened. The **Sign out** menu logs you out of the program.

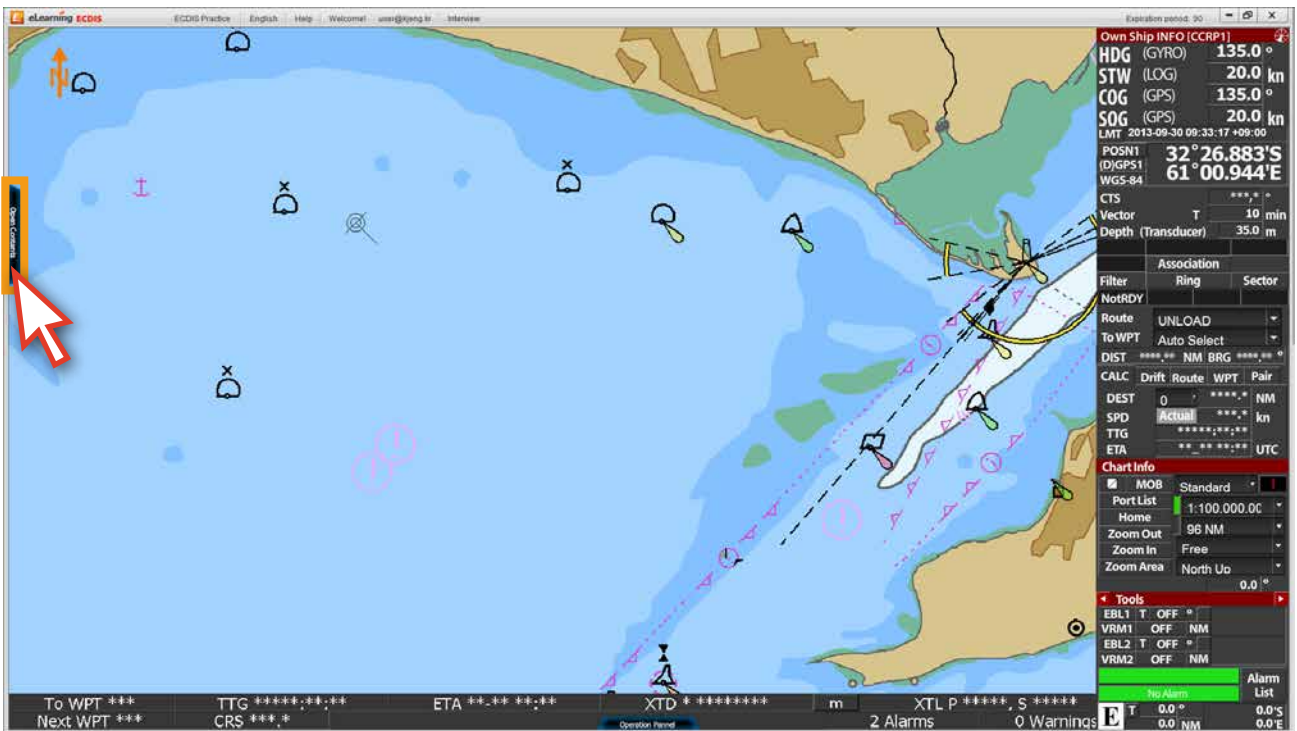


32. The **Interview** menu at the top of the screen is related with 'User Verification' function. You will have detailed information on it in chapter 14.

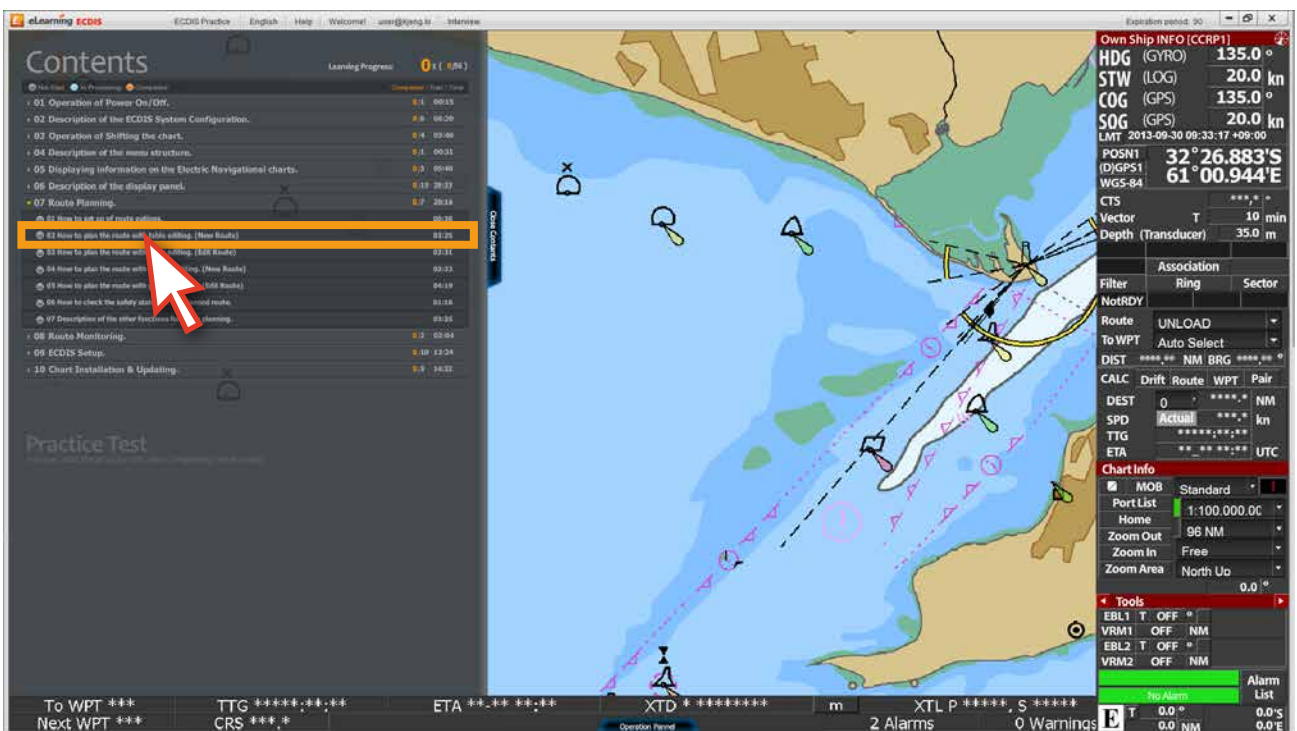


8. edurosECDIS Training Program Studying

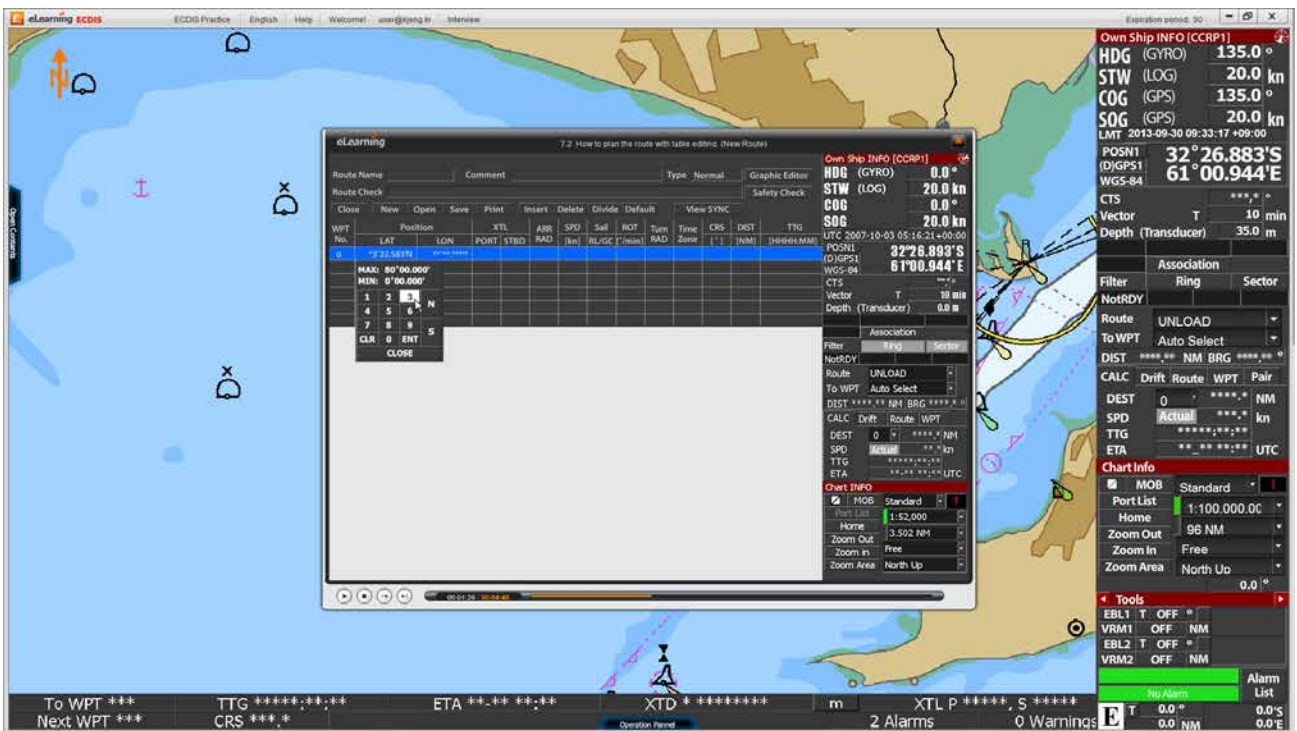
1. Run the edurosECDIS program and click Open Contents.



2. Select the sub-title you want to take from the contents list.



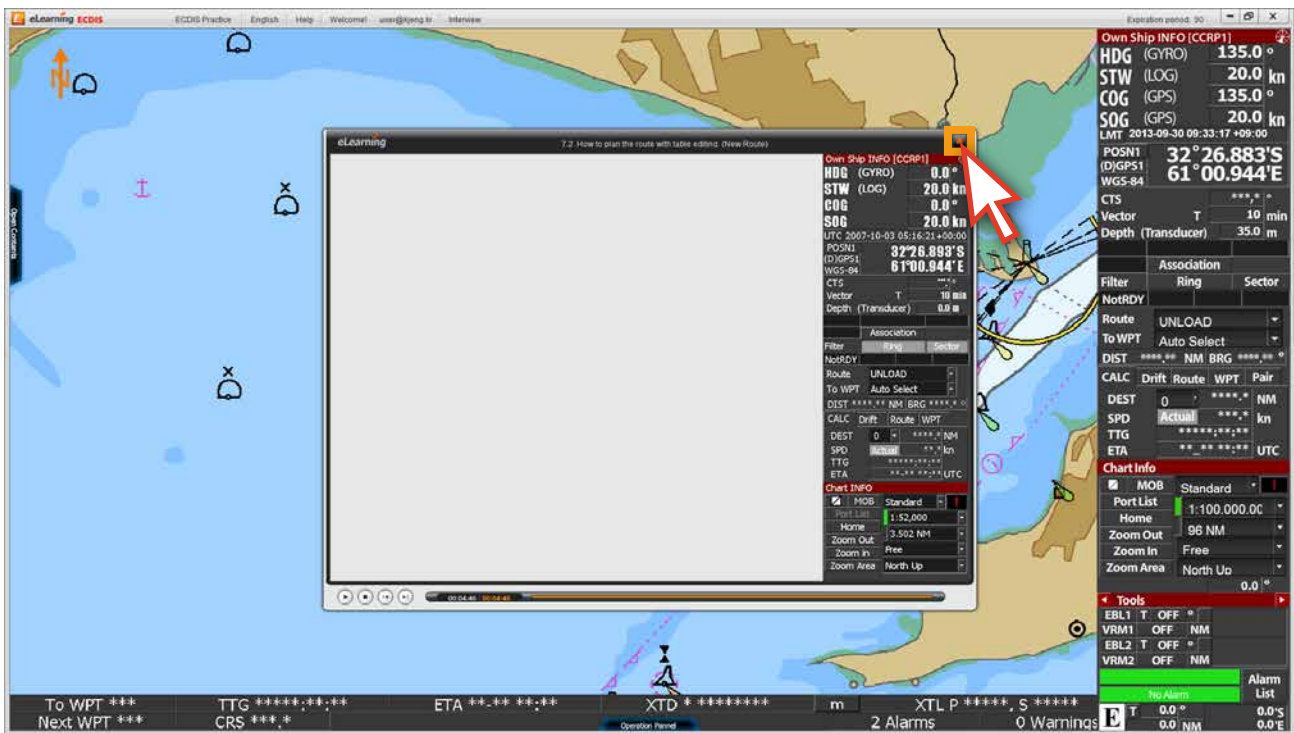
3. The relevant 'animation lesson' will start and you can watch it repeatedly.



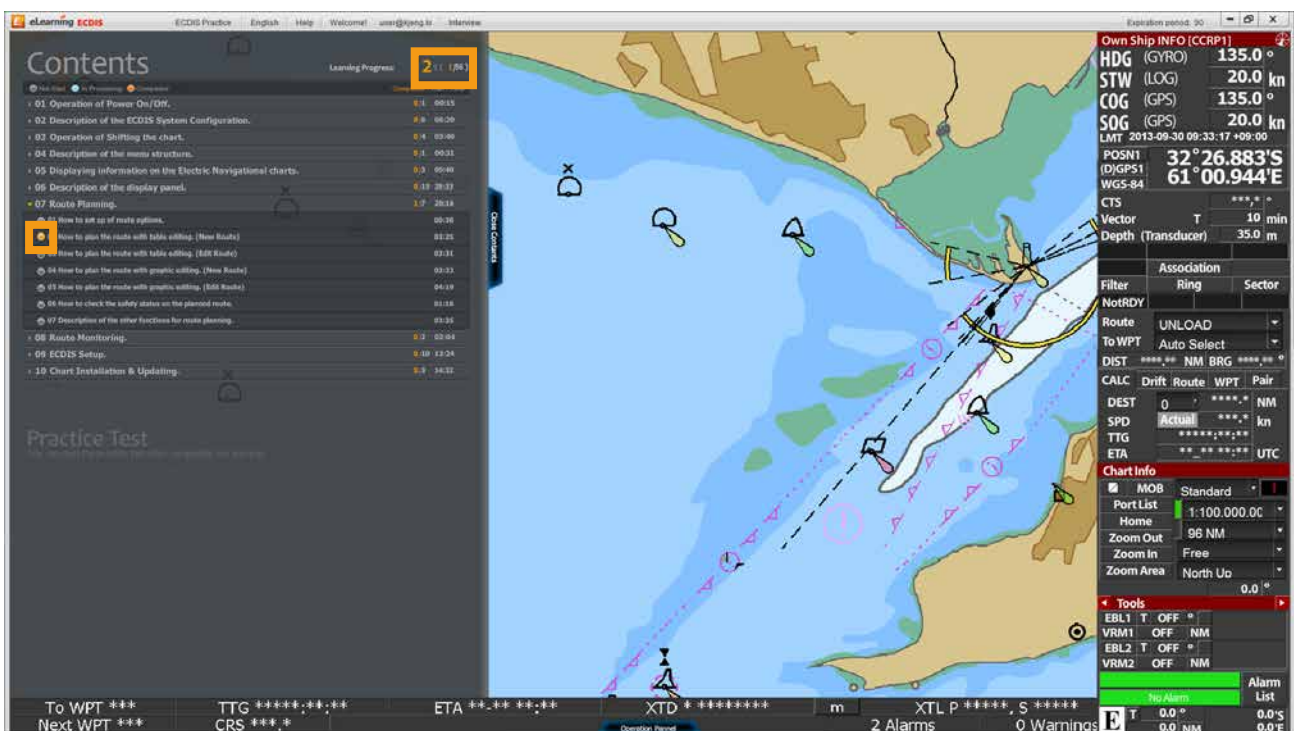
4. In the lesson you can also see the 'yellow dialogue box' with a detailed explanation on the pop-up window menu by mousing over.



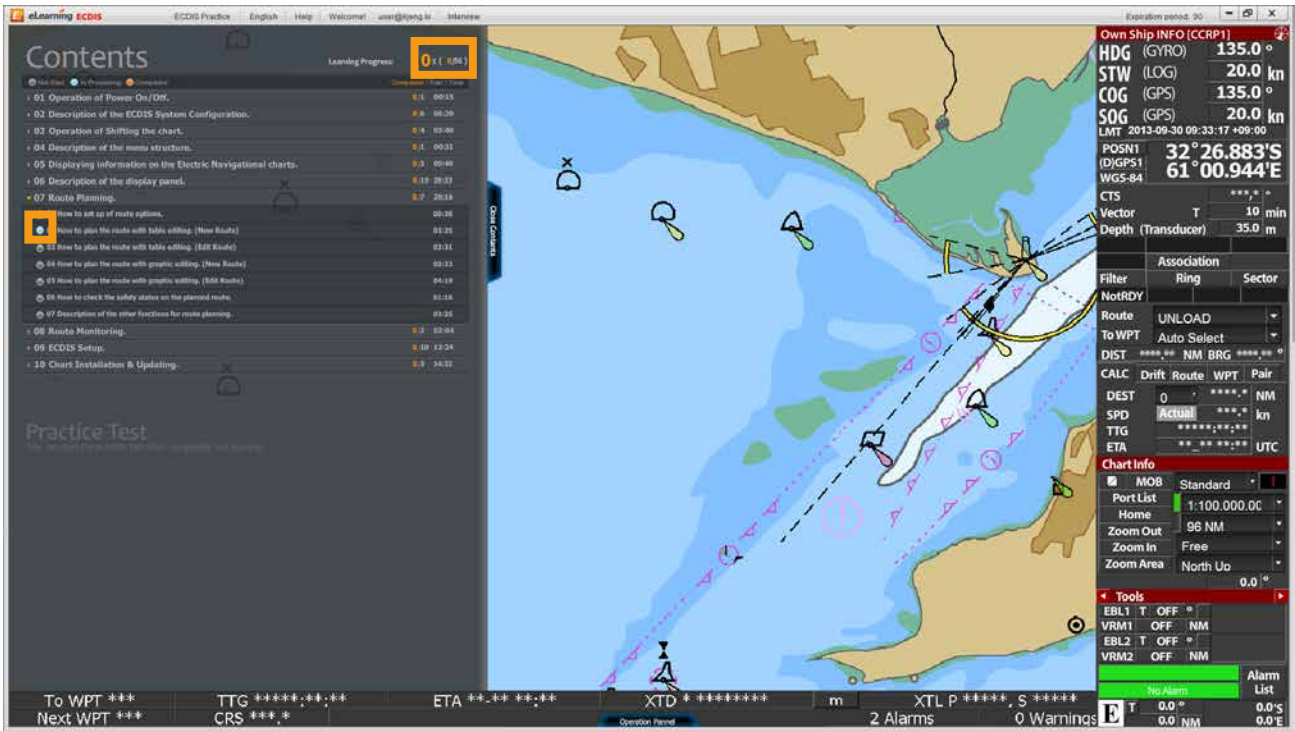
5. When the animation lesson is finished, click the X button to close.



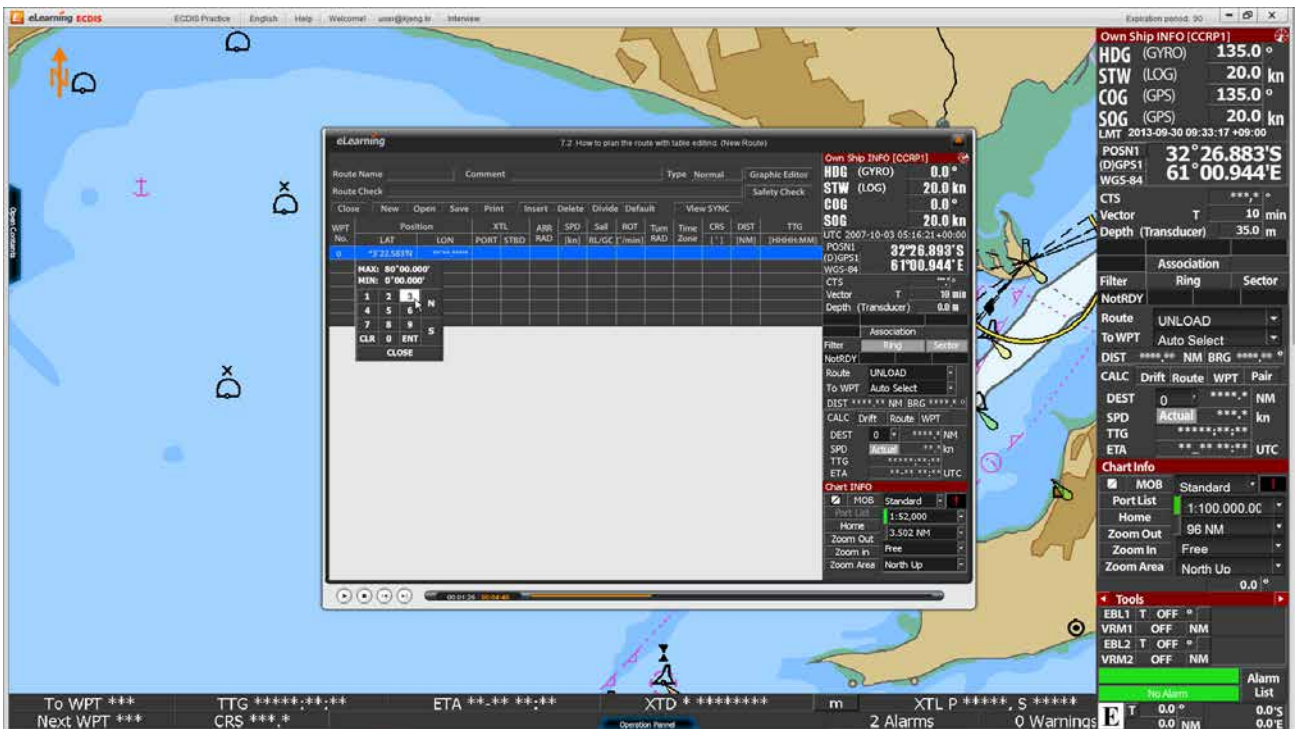
6. You can check your **studying status** at the 'Contents list window' by the changing color of the small circles (Gray, Blue and Orange) and the learning progress percentage.



7. A 'Blue circle' means that you haven't completed the lesson and should take it again. An 'Orange circle' means that you have completed the lesson and it is reflected by the learning progress percentage growing.

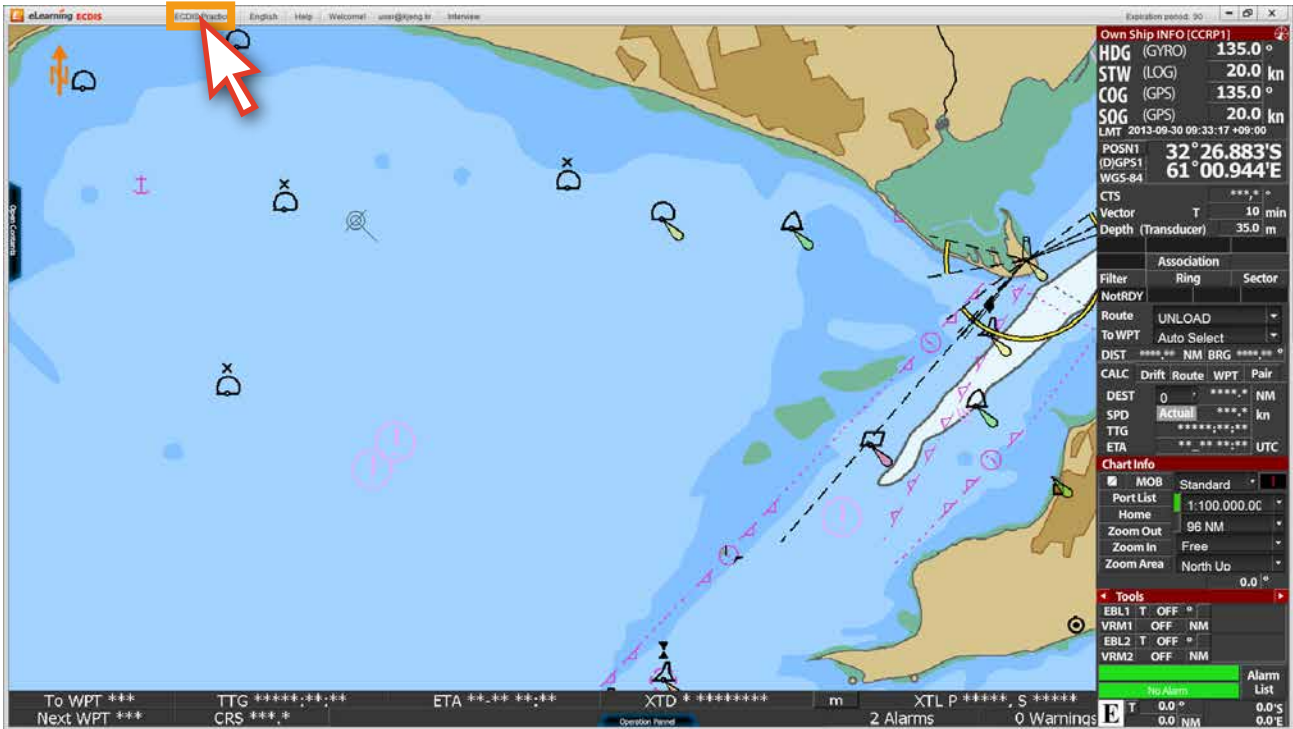


8. If you haven't completed to listen a lesson, you should take it again from the first and finish it.

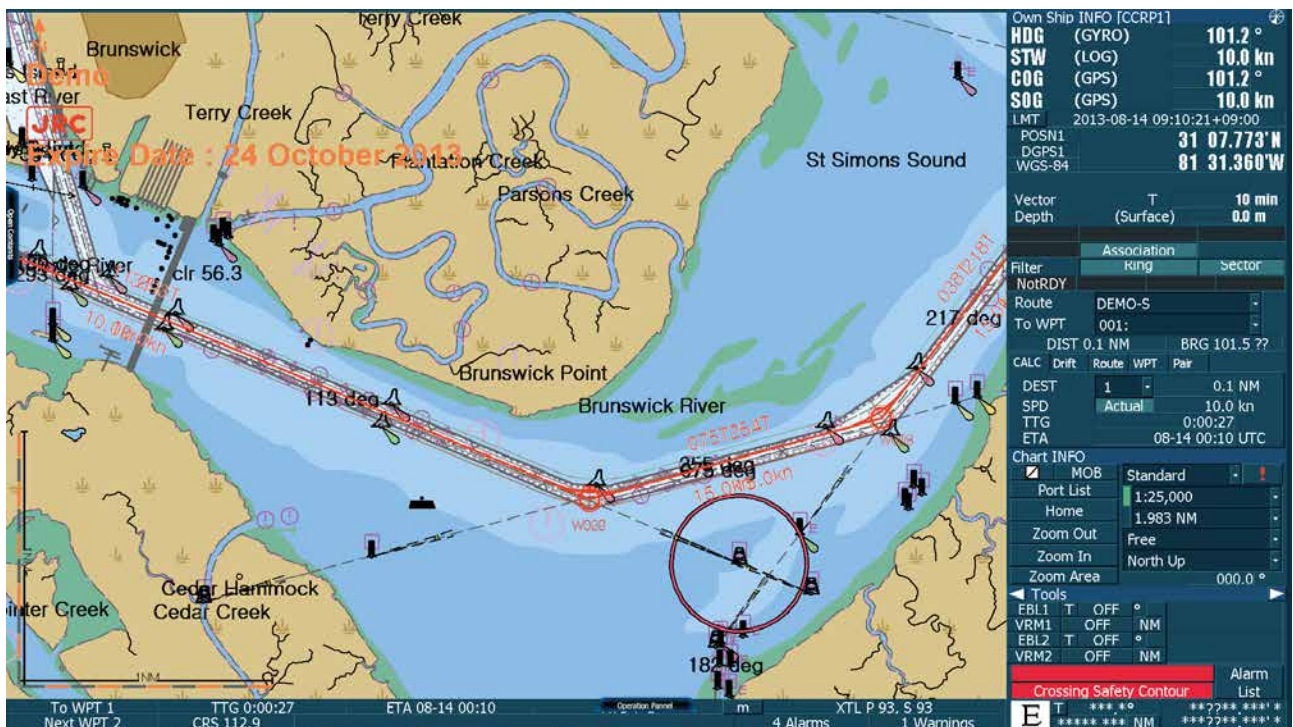


9. edurosECDIS Training Program Practice

1. Click ECDIS Practice at the top of the screen.



2. The program mode will be changed to 'ECDIS practice mode'.



3. You can practice what you learned earlier in the animation lesson.

Menu: (1) AIS/TT (2) Route (4) Ownership/Track (5) Use Main Chart (7) Main Chart List

Sub-menu: (1) Route Planning (2) Create Alternate Route (3) Distance Measurement (4) Use XTO Alarm (5) Send Data-Route (6) Setting...

Table Editor

Expire Date: 24 October 2013

Map Labels: South Brunswick River, Fancy Bluff Creek, Little Satilla River, Colonels Island, Long Creek, Jointer Creek, Andrews Island, East River, Brandy, Turtle River, Academy Creek, Brunswick, East River.

Waypoints: 190 deg, 338 deg, 295 deg, 344 deg

Clearance: clr 3.0, clr 5.4, clr 13.4

Bottom Status: To WPT 1 Next WPT 2, TTG 0:02:54, CRS 112.9, ETA 08-14 08:03, 4 Alarms, XTL P 93, S 93, 1 Warnings

Own Ship INFO [CCRP1]

HDC (GYRO) 101.2 °
 STW (LOG) 10.0 kn
 COG (GPS) 101.2 °
 SOG (GPS) 10.0 kn
 LMT 2013-08-14 17:00:06+09:00
 POSN1 31 07.052°N
 DGPS1 81 31.826°W
 WGS-84

Vector Depth T 10 min (Surface) 0.0 m

Filter Association Ring sector

NotRDY

Route TEMP

To WPT 001:

DIST 0.5 NM BRG 101.2 ??

CALC Drift Route WPT Pair

DEST 1 0.5 NM

SPD Actual 10.0 kn

TTG 0:02:54

ETA 08-14 08:03 UTC

Chart INFO

MOB Standard

Port List 1:25,000

Home 1,983 NM

Zoom Out Free

Zoom In North Up

Zoom Area 000.0 °

Tools

EBL1 T OFF °
 VRM1 OFF NM
 EBL2 T OFF °
 VRM2 OFF NM

Customized Display Alarm List

E T 327.6 ° 317709.268°N
 1,677 NM 817732.874°W

Route Name: _____ Comment: _____ Type: Normal Graphic Editor

Route Check

WPT No.	Position	XTL	ARR RAD	SPD	Sail	ROT	Turn RAD	Time Zone	CRS	DIST	TTG
No.	LAT	LON	PORT	STBD	[kn]	R/L/GC	[7min]		[?]	[NM]	[HH:MM]
0	32°25.839'S	*****						+09:00			

MAX: 80°00.000'
 MIN: 0°00.000'

1 2 3 N
 4 5 6
 7 8 9 S
 CLR 0 ENT
 Close

Map Labels: Fancy Bluff Creek, South Brunswick River, Little Satilla River, Colonels Island, Long Creek, Jointer Creek, Andrews Island, East River, Brandy, Turtle River, Academy Creek, Brunswick, East River.

Waypoints: 338 deg, 295 deg, 344 deg

Clearance: clr 3.0, clr 5.4, clr 13.4

Bottom Status: To WPT 2 Next WPT 3, TTG 0:20:26, CRS 074.5, ETA 08-14 08:26, 5 Alarms, XTL P 93, S 93, 1 Warnings

Own Ship INFO [CCRP1]

HDC (GYRO) 113.0 °
 STW (LOG) 10.0 kn
 COG (GPS) 113.0 °
 SOG (GPS) 10.0 kn
 LMT 2013-08-14 17:05:46+09:00
 POSN1 31 07.598°N
 DGPS1 81 30.777°W
 WGS-84

Vector Depth T 10 min (Surface) 0.0 m

Filter Association Ring sector

NotRDY

Route TEMP

To WPT 002:

DIST 3.4 NM BRG 113.0 ??

CALC Drift Route WPT Pair

DEST 2 3.4 NM

SPD Actual 10.0 kn

TTG 0:20:26

ETA 08-14 08:26 UTC

Chart INFO

MOB Standard

Port List 1:25,000

Home 1,983 NM

Zoom Out Free

Zoom In North Up

Zoom Area 000.0 °

Tools

EBL1 T OFF °
 VRM1 OFF NM
 EBL2 T OFF °
 VRM2 OFF NM

Caution Area Alarm List

Customized Display

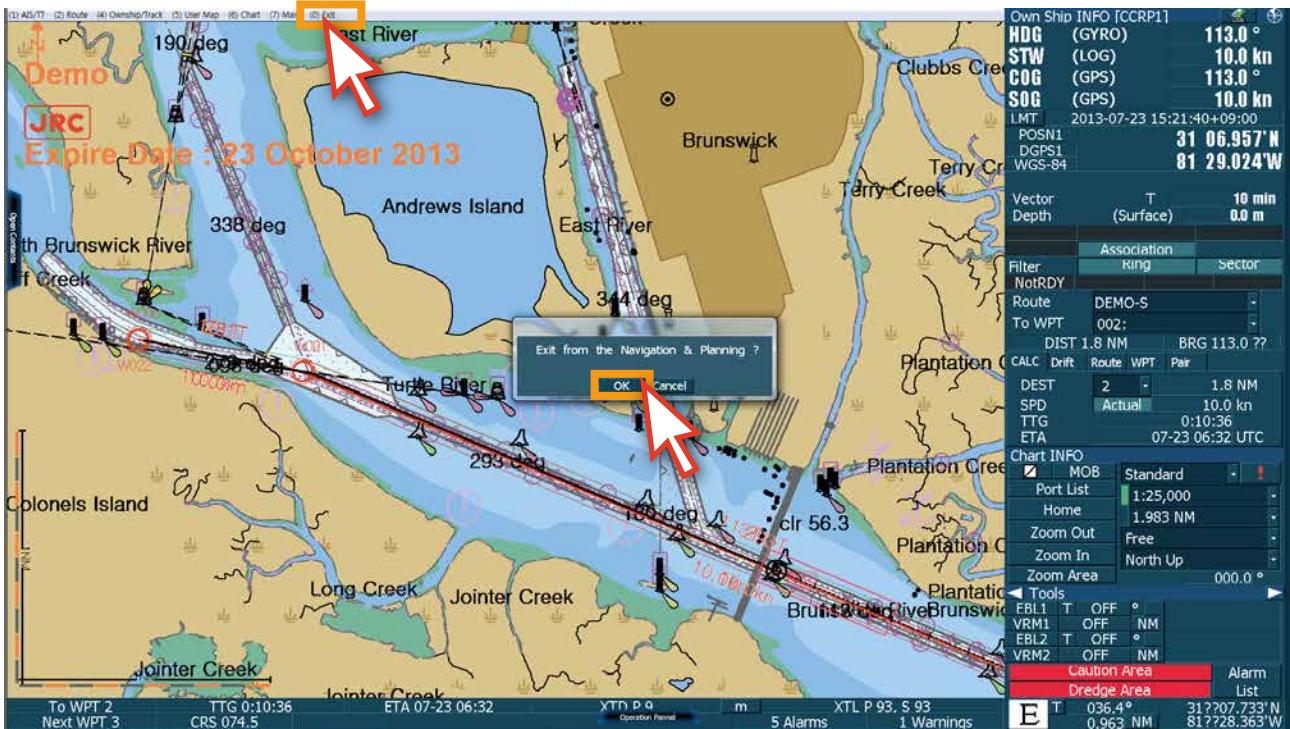
E T ***** NM *****

4. You can also open the 'animation lesson' content over the ECDIS practice program to refer to the explanation and practice at the same time.

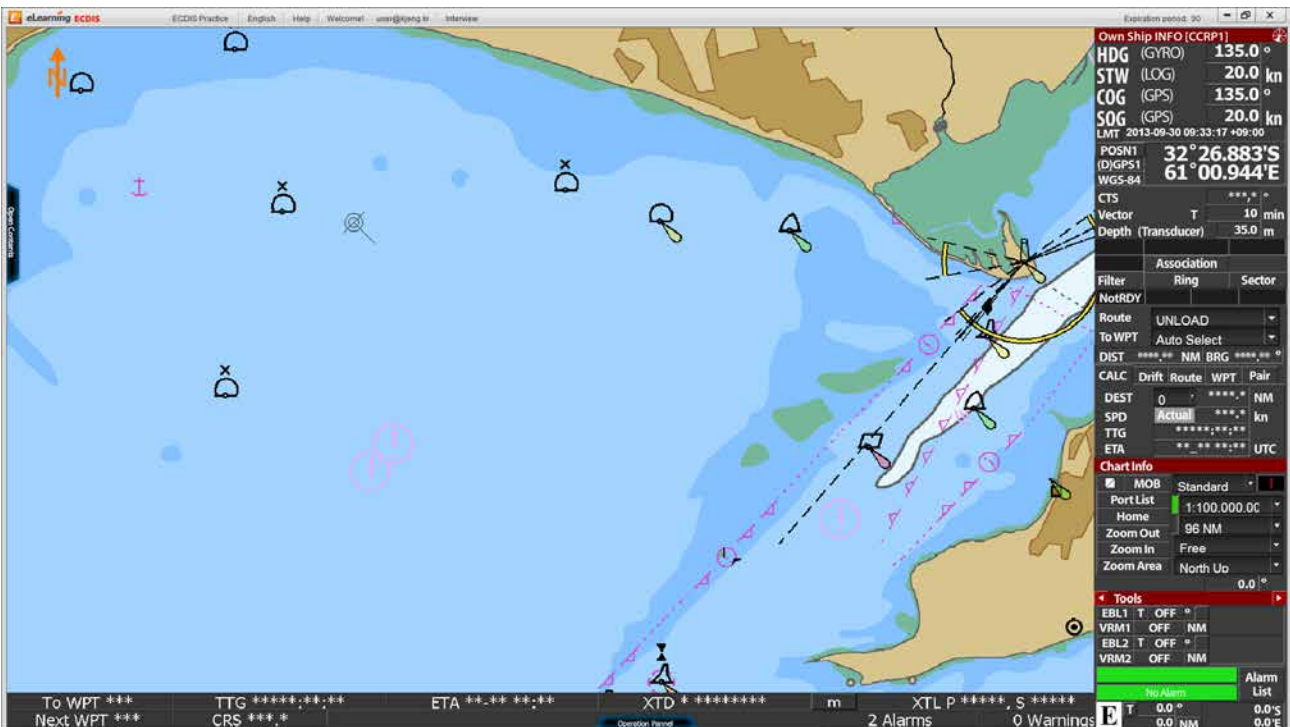
The screenshot shows the ECDIS software interface. On the left is a 'Contents' sidebar with a 'Learning Progress' indicator showing 51 of 354 items completed. The main map area displays a route plan through a river system with labels like 'Brunswick River', 'Andrews Island East', 'Brandy', 'Turks', 'Long Creek', and 'Jointer Creek'. A table at the top right shows route parameters: Sail, ROT, Turn, Time, CRS, DIST, and TTG. On the far right, the 'Own Ship INFO' panel displays vessel data: HDG (GYRO) 113.0°, STW (LOG) 10.0 kn, COG (GPS) 113.0°, SOG (GPS) 10.0 kn, and position coordinates 31 07.347' N, 81 30.091' W. A 'Caution Area' alarm is visible at the bottom right.

This screenshot shows the ECDIS software with an 'eLearning' window open. The window title is '7.2 How to plan the route with table editing (New Routes)'. It contains a table with columns for WPT No., Position (LAT, LON), XTL, ARR, SPD, Sail, ROT, Turn, Time, CRS, DIST, and TTG. The table lists several waypoints along a route. The background map shows the same river system as the first screenshot, with a 'Demo' label and 'JRC Expire Date: 31 Oct' text. The 'Own Ship INFO' panel on the right shows updated vessel data: HDG (GYRO) 113.0°, STW (LOG) 10.0 kn, COG (GPS) 113.0°, SOG (GPS) 10.0 kn, and position coordinates 31 07.147' N, 81 29.544' W. A 'Dredge Area' alarm is visible at the bottom right.

5. When you've finished practicing, click the (0) EXIT button to go back to the 'eduroECDIS program'.



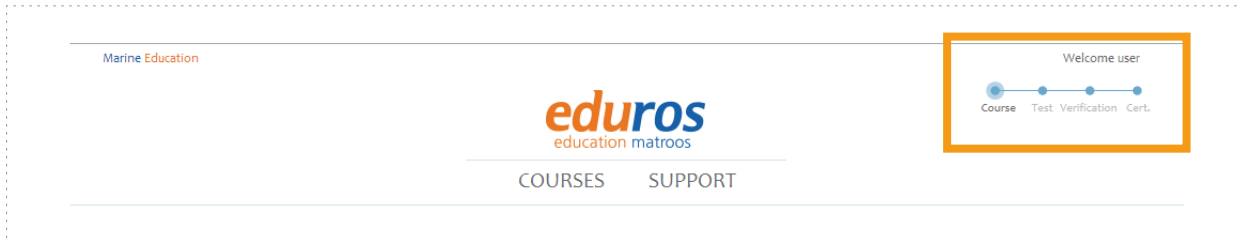
6. Now you come back to the eduroECDIS main page from the practice program.



10. My Learning Status Check-in on edurosECDIS Website

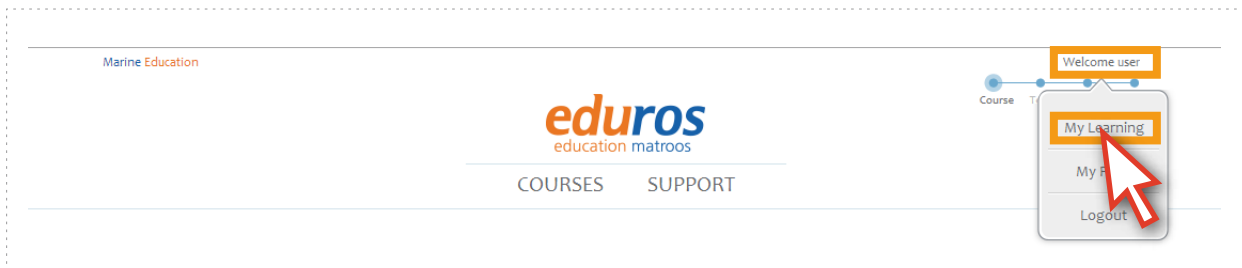
1. Sign in the 'eduros website': www.eduros.com

(The status bar under the User ID shows your current learning status. Now you are in course progress.)

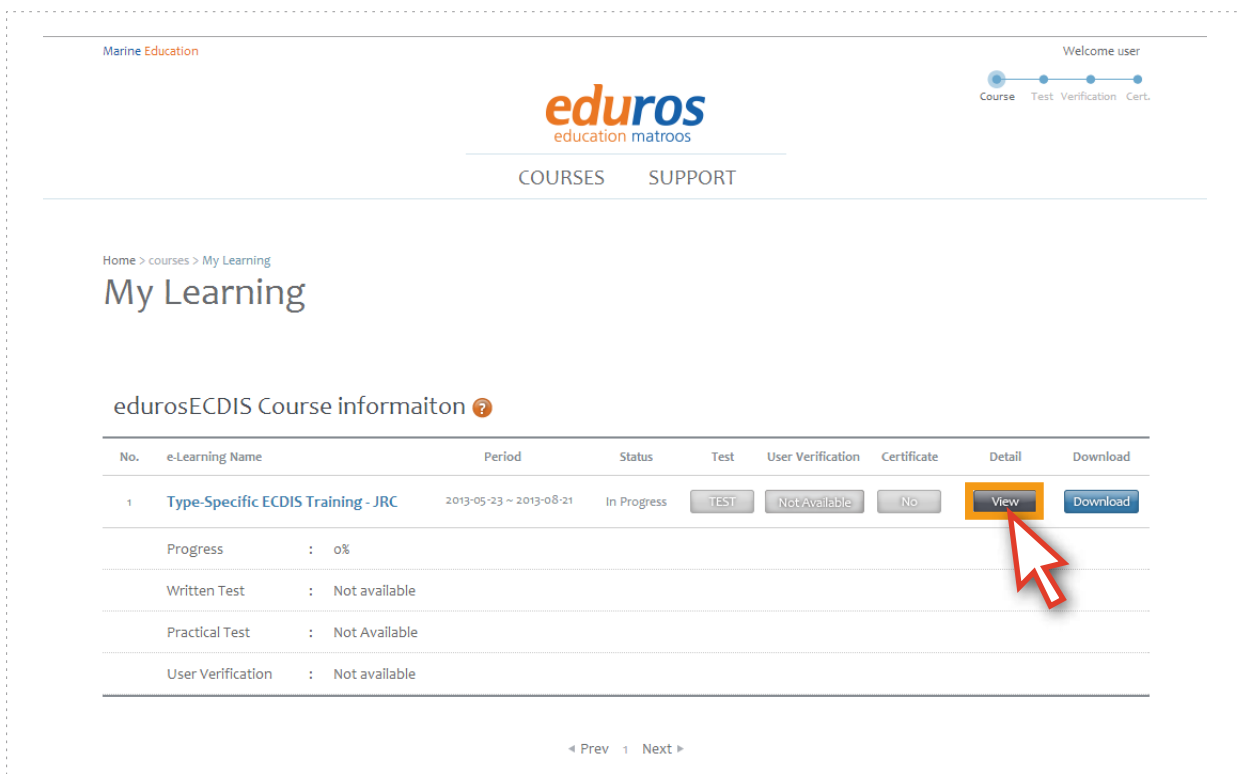


2. Click **Welcome XXX** and select the **My Learning** menu.

3. The 'My Learning' page will be opened.




4. Click the **View** button of the 'Detail' in the table.




- The 'My Learning Detail' page will be opened. Here you can check your **training status** in detail, including your 'course progress' status.
- If there is no training history taken in edurosECDIS program, your course studying completion also won't be recorded on your Course Progress.

Marine Education



COURSES SUPPORT

Welcome user



Home > membership > My Learning Detail

My Learning Detail

Orders

No.	e-Learning Name	Period	Status	Progress	Score	Result	Certificate
1	Type-Specific ECDIS Training - JRC	2013-12-02 ~ 2013-12-09	In progress	0%	Not available	Not available	Not Issued

Certificate

No history

User Verification ?

No history

Practical Test ?

The practical test is available only after success of the written test.

No history

Test

No history

Course Progress


Contents List	Complete	Completion date
1. Operation of Power On/Off.		
1) How to Power On/Off the ECDIS.	X	-
2. Description of the ECDIS System Configuration.		
1) Description of configuration of Software(Operation software, Application software.	X	-
2) Description of configuration of Solid State Drive and Hard Disk Drive.	X	-
3) Description of displaying the status for malfunction of Hard Disk Drive.	X	-
4) Description of time for Replacement of consumables.	X	-
5) Description of operation of ECDIS under ship power blackout.	X	-
6) Description of configuration of Navigation sensor connected.	X	-
3. Operation of Shifting the chart.		
1) Description of automatically Shifting the chart according to the own ship position.	X	-
2) How to shift the chart with the hand-cursor.	X	-
3) How to shift the chart by entering the position from entry panel.	X	-
4) How to shift the chart with the cross-cursor.	X	-
4. Description of the menu structure.		

7. If any course studying has been conducted in edurocECDIS program, the history is recorded in the server automatically and showed as course completion on your Course Progress.

Course Progress

Contents List	Complete	Completion date
1. Operation of Power On/Off.		
1) How to Power On/Off the ECDIS.	O	2013-06-07 10:53:41
2. Description of the ECDIS System Configuration.		
1) Description of configuration of Software(Operation software, Application software.	O	2013-06-07 17:04:17
2) Description of configuration of Solid State Drive and Hard Disk Drive.	O	2013-06-07 17:05:26
3) Description of displaying the status for malfunction of Hard Disk Drive.	O	2013-06-08 11:39:22
4) Description of time for Replacement of consumables.	O	2013-06-09 11:37:24
5) Description of operation of ECDIS under ship power blackout.	O	2013-06-10 11:40:01
6) Description of configuration of Navigation sensor connected.	O	2013-06-12 17:10:40

8. When you complete whole Course Progress, you are eligible to take the **written test**.

Marine Education


Welcome user

Course Test Verification Cert.

COURSES SUPPORT

Home > membership > My Learning Detail

My Learning Detail

Orders

No.	e-Learning Name	Period	Status	Progress	Score	Result	Certificate
1	Type-Specific ECDIS Training - JRC	2013-05-23 ~ 2013-08-21	In progress	100%	Not available	Not available	Not Issued

Certificate

No history

User Verification ?

No history

Practical Test ?


The practical test is available only after success of the written test.

No history

Test

No history

TEST

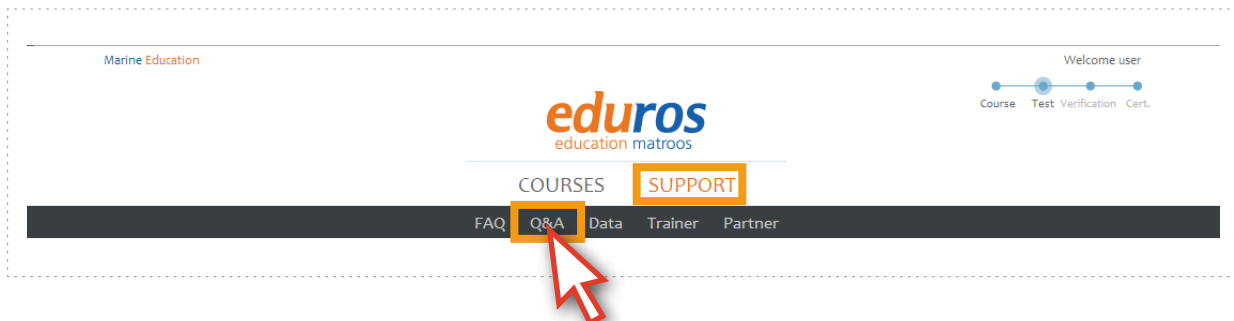


Course Progress

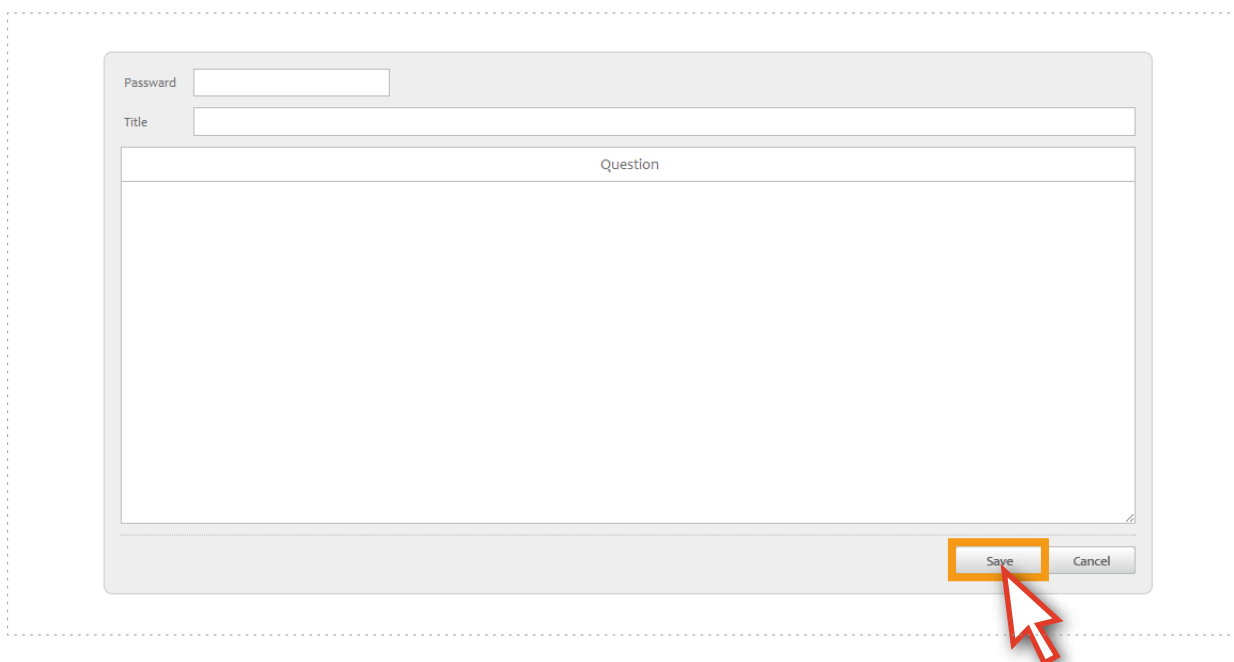
Contents List	Complete	Completion date
1. Operation of Power On/Off.		

11. Q&A function

1. If you have any questions about the edurocECDIS training program during your studying, please ask your questions on 'Q&A' page which we provide on the eduroc website.
2. On the 'eduroc website', you can find the Q&A page as a sub-menu under **SUPPORT**.



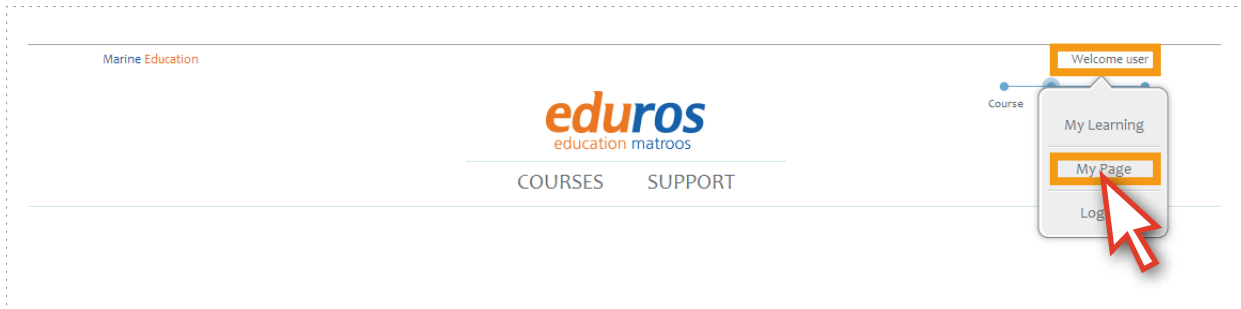
3. Click the **Register** button and input your questions and send them to us. We try to reply to all questions as fast as we can.



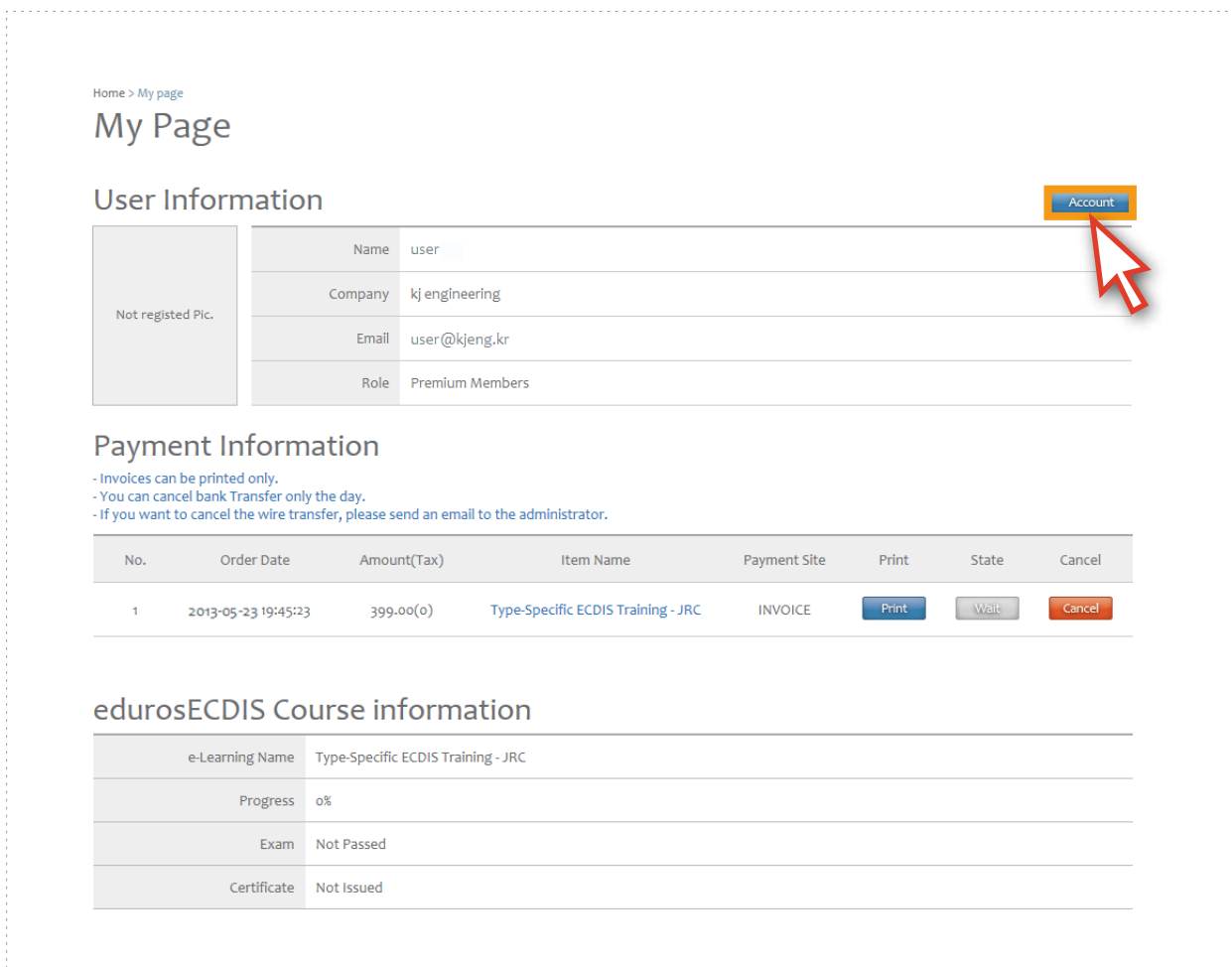
12. Picture Uploading

All users should upload their picture to be attached to the certificate which will be issued after completing the whole process.

1. Click the **Welcome XXX** on the eduros website. Select the **My Page** menu in the drop-down list.



2. You will find the **Account** button at the top of the 'User Information' table. Click it.



The screenshot shows the 'My Page' user interface. At the top left, it says 'Home > My page' and 'My Page'. Below this is the 'User Information' section. On the right side of this section, there is a blue 'Account' button highlighted with a red box and a red mouse cursor. To the left of the button is a table with user details:

Not registered Pic.	Name	user
	Company	kj engineering
	Email	user@kjeng.kr
	Role	Premium Members

Below the 'User Information' section is the 'Payment Information' section. It contains a list of instructions:

- Invoices can be printed only.
- You can cancel bank Transfer only the day.
- If you want to cancel the wire transfer, please send an email to the administrator.

Below the instructions is a table of payment records:

No.	Order Date	Amount(Tax)	Item Name	Payment Site	Print	State	Cancel
1	2013-05-23 19:45:23	399.00(0)	Type-Specific ECDIS Training - JRC	INVOICE	Print	Wait	Cancel

At the bottom of the page is the 'edurosECDIS Course information' section, which contains a table with course details:

e-Learning Name	Type-Specific ECDIS Training - JRC
Progress	0%
Exam	Not Passed
Certificate	Not Issued

3. Enter the **password** once again and click the **Next** button.

HOME > membership > account

Account

Password	<input type="password"/>
----------	--------------------------

Next



4. The 'User Modify' page is opened. Here you can upload your pictures in the 'Current User Picture' section.

HOME > membership > user modify


User Modify

User Modification

E-Mail	user@kjeng.kr
Name	user
Current Password	<input type="password"/>
New Password	<input type="password"/>
Confirm Password	<input type="password"/>
Company	KJ Engineering
Nation	<input type="text" value="Korea"/>

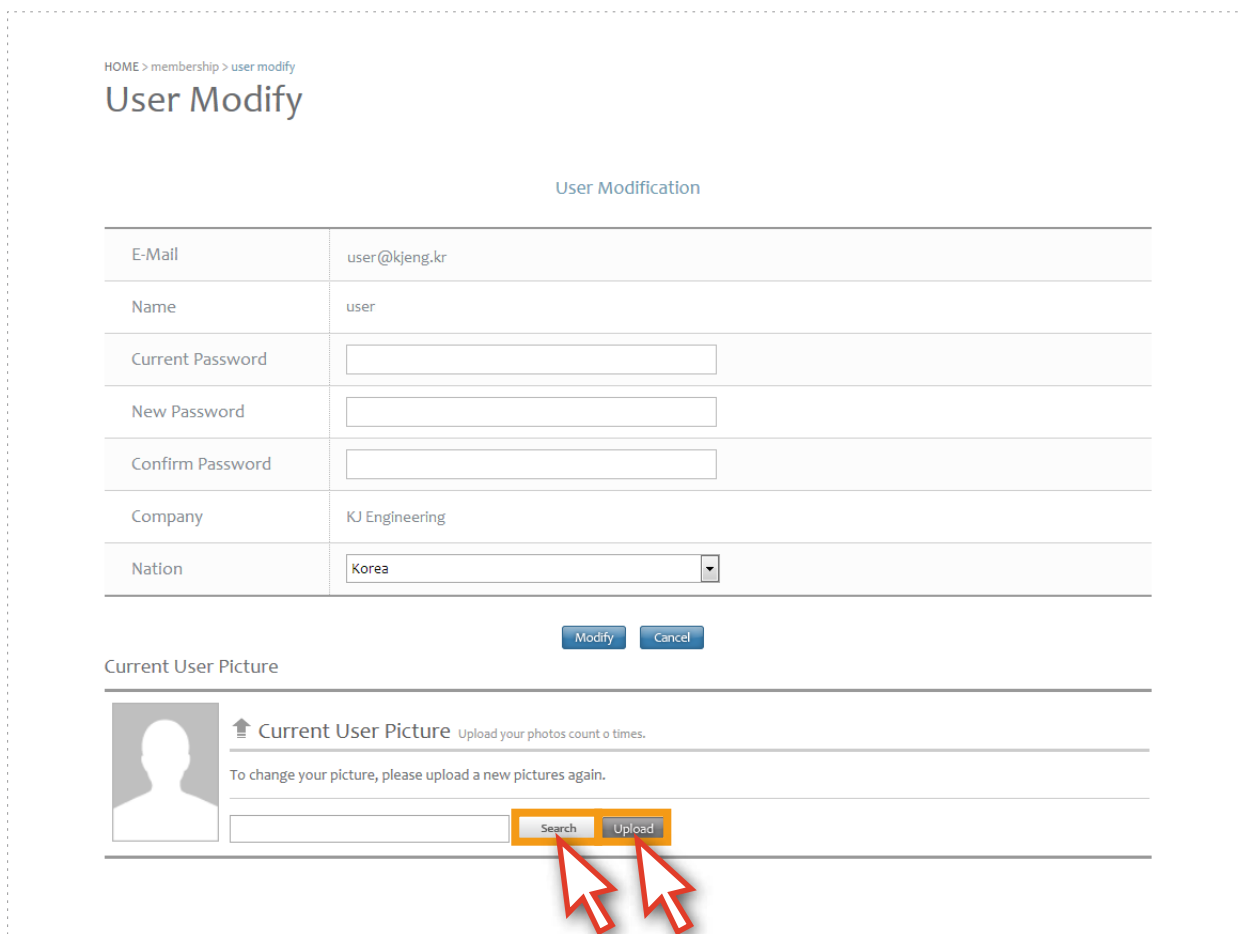
Modify **Cancel**

Current User Picture

 **Current User Picture** Upload your photos count 0 times.

To change your picture, please upload a new pictures again.

Search **Upload**



13. Evaluation

Once you complete the edurosECDIS training program, you will be eligible to take the written test.

1. Enter the 'My Learning Detail' page. (My ID > My Learning > Detail > View)
Click the **TEST** button at the top of the Test table.

Contents List	Complete	Completion date
1. Operation of Power On/Off.		
1) How to Power On/Off the ECDIS.	0	2013-06-07 10:53:41
2. Description of the ECDIS System Configuration.		
1) Description of configuration of Software(Operation software, Application software.	0	2013-06-07 17:04:17

2. The 'written test' will start now. There are **10 multiple choice questions** and you will have **10 minutes** to finish the test.

eduros.com/home/examMain.php?uno=51&no=1156#

eduros
education mazzini

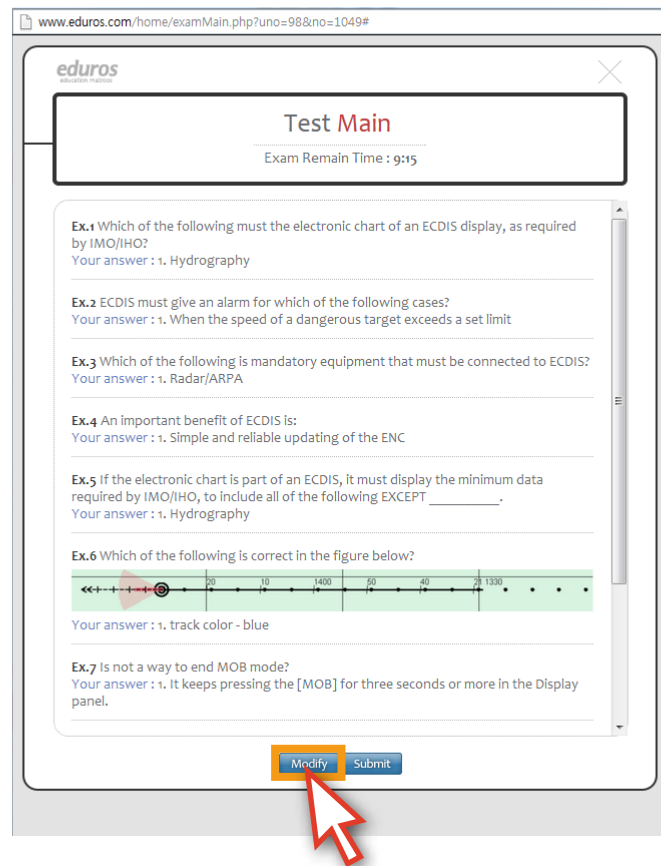
Test Main
Test Remain Time : 9:44

Ex 2
ECDIS must give an alarm for which of the following cases?

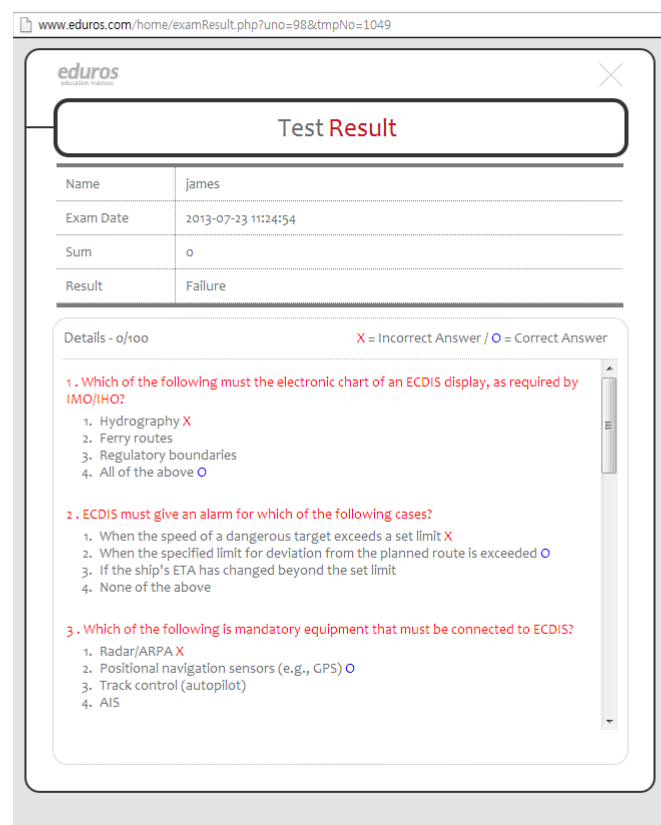
- 1. When the speed of a dangerous target exceeds a set limit
- 2. When the specified limit for deviation from the planned route is exceeded
- 3. If the ship's ETA has changed beyond the set limit
- 4. None of the above

◀ Prev Next ▶

3. Even after you've finished all questions, you can recheck and correct the answers within the 10 minutes by using the **Prev** and **Modify** buttons.



4. The 'test result' will be given right after you submit or the 10 minutes run out.



5. If you failed the test, you can take it again whenever you want. Your results will be recorded in our server and you can also check your results on the 'eduros website'.
* The score needs to be over **80%** to pass the test.

Home > membership > My Learning Detail

My Learning Detail

Orders

No.	e-Learning Name	Period	Status	Progress	Score	Result	Certificate
1	Type-Specific ECDIS Training - JRC	2013-05-23 ~ 2013-08-21	In progress	100%	80	Pass	Not Issued

Certificate

No history

User Verification ?

No history


Practical Test ?
The practical test is available only after success of the written test.

No history

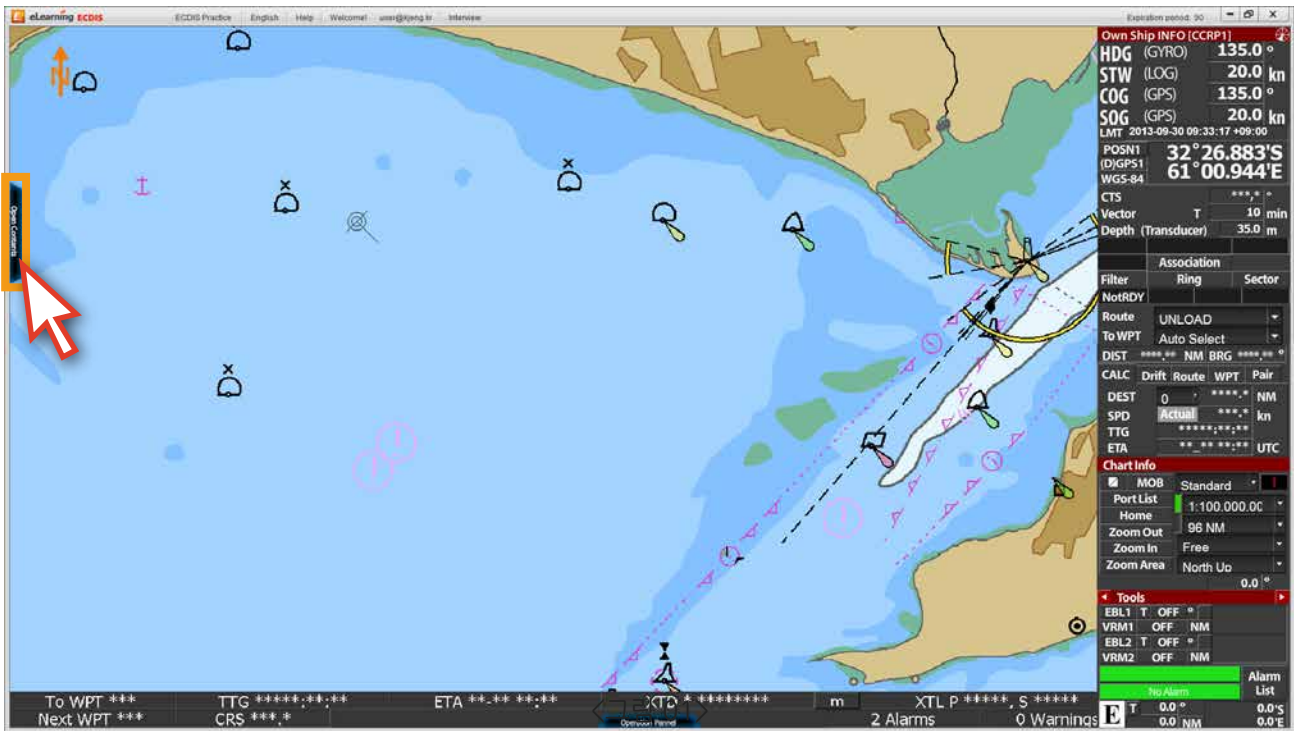
Test

No.	Date	Score	Result	Detail
1	2013-07-16 14:22:33	80	pass	View
2	2013-07-12 14:26:16	30	no	View

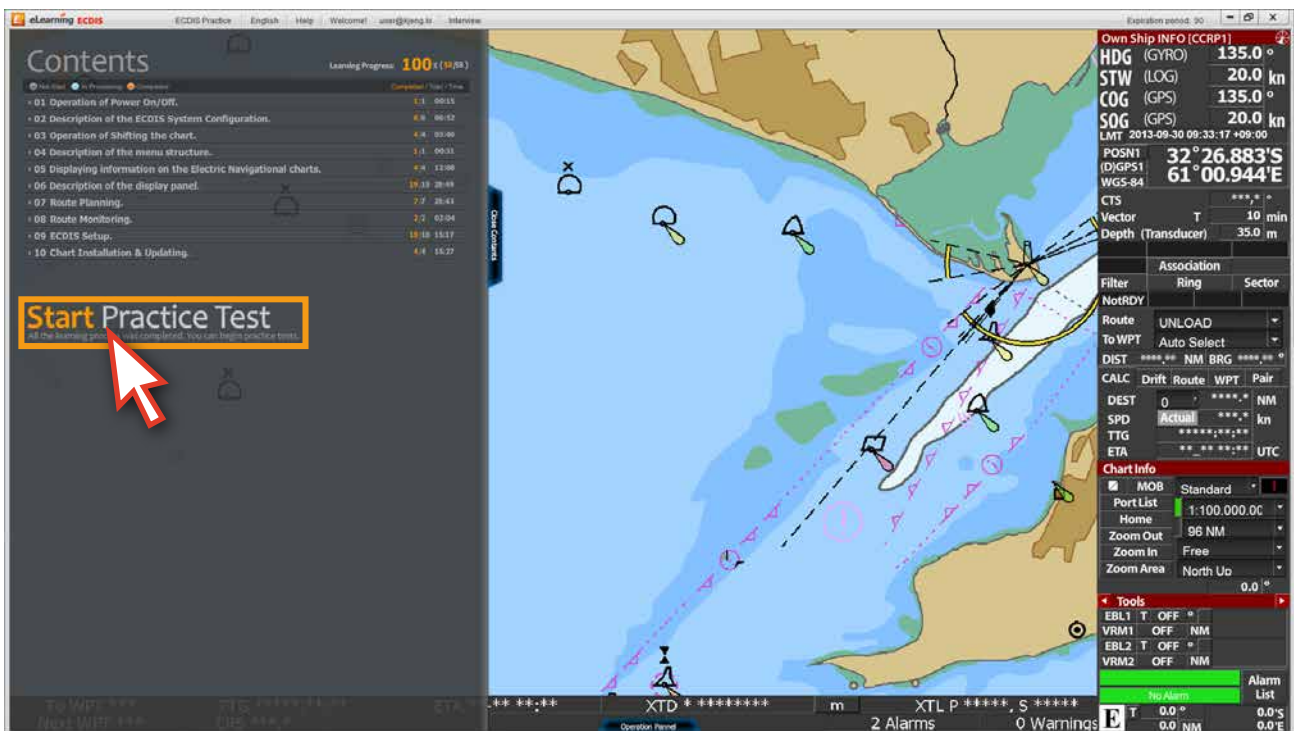
< First Page 1 Last Page >



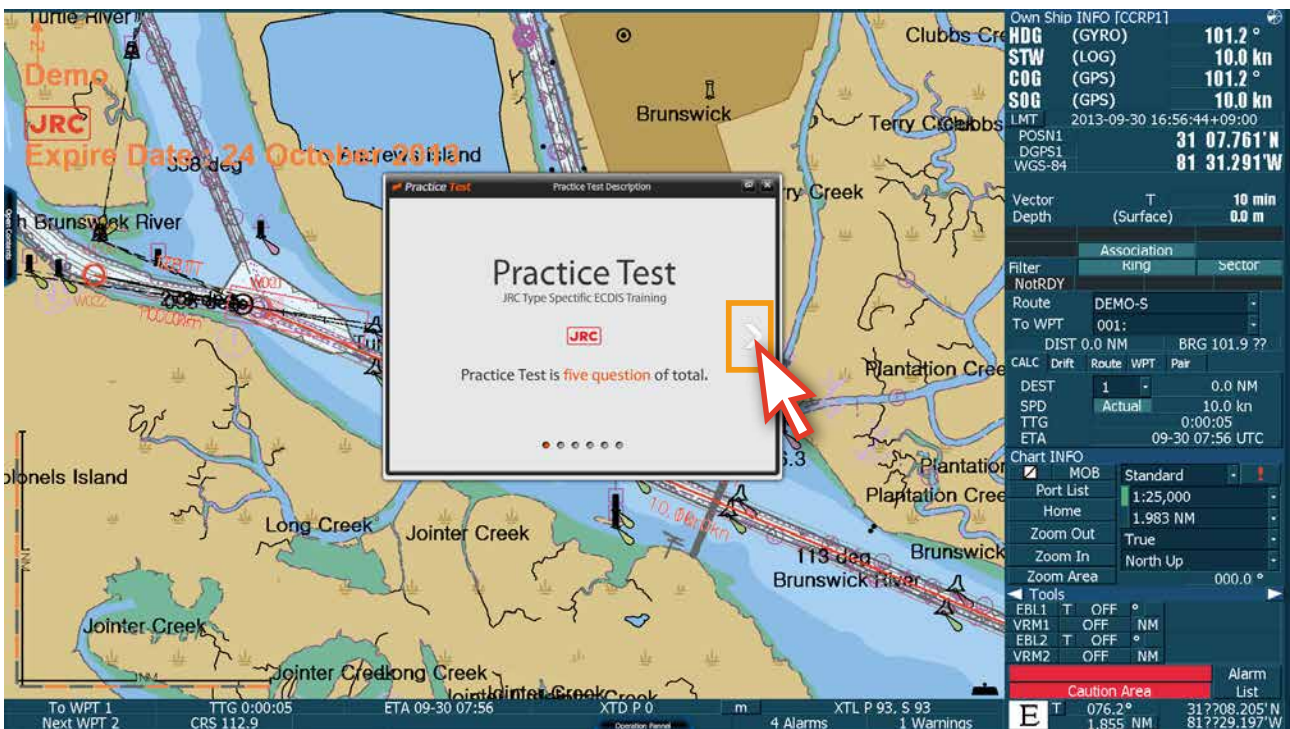
6. If you pass the written test, move on to the practical test now. Run the edurosECDIS program and click **Open Contents**.



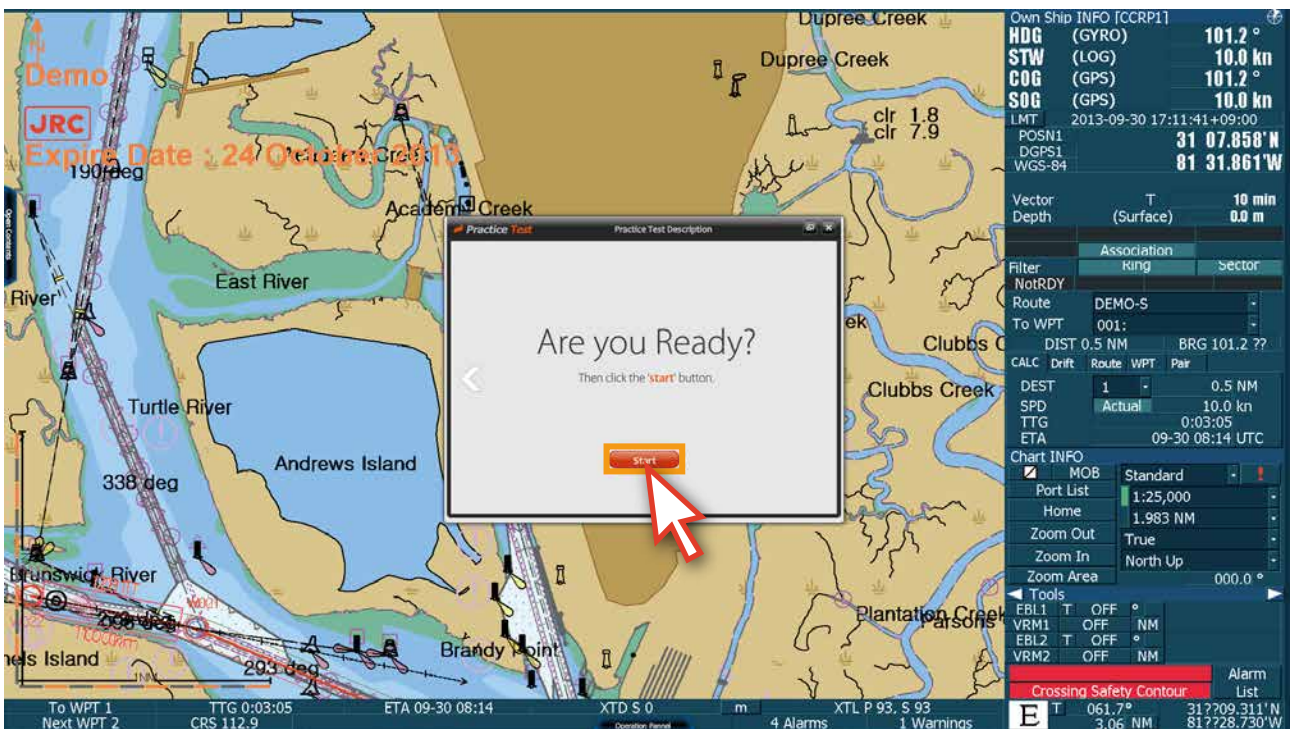
7. The 'Practical Test' section will then be activated. Click the **Start Practical Test**.



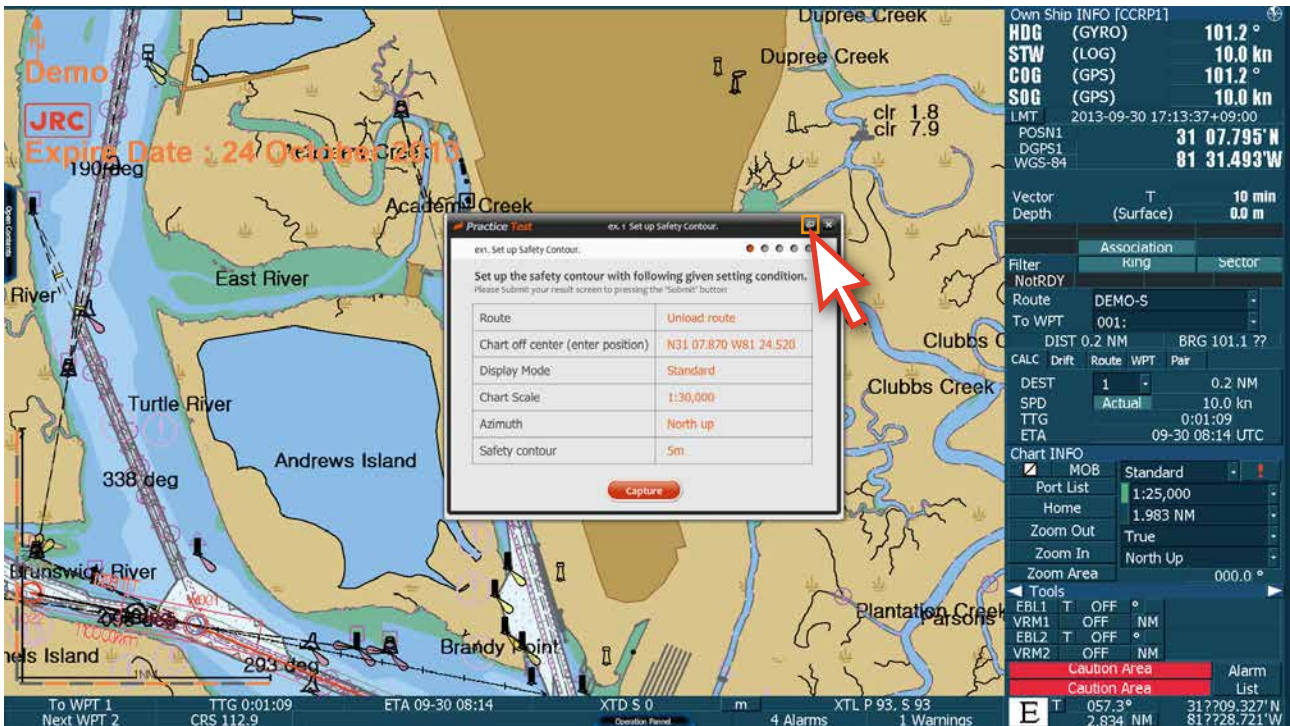
8. First, you will see how to do the Practical Test with a pop-up window instruction.



9. When you are ready, click the **Start** button to begin.



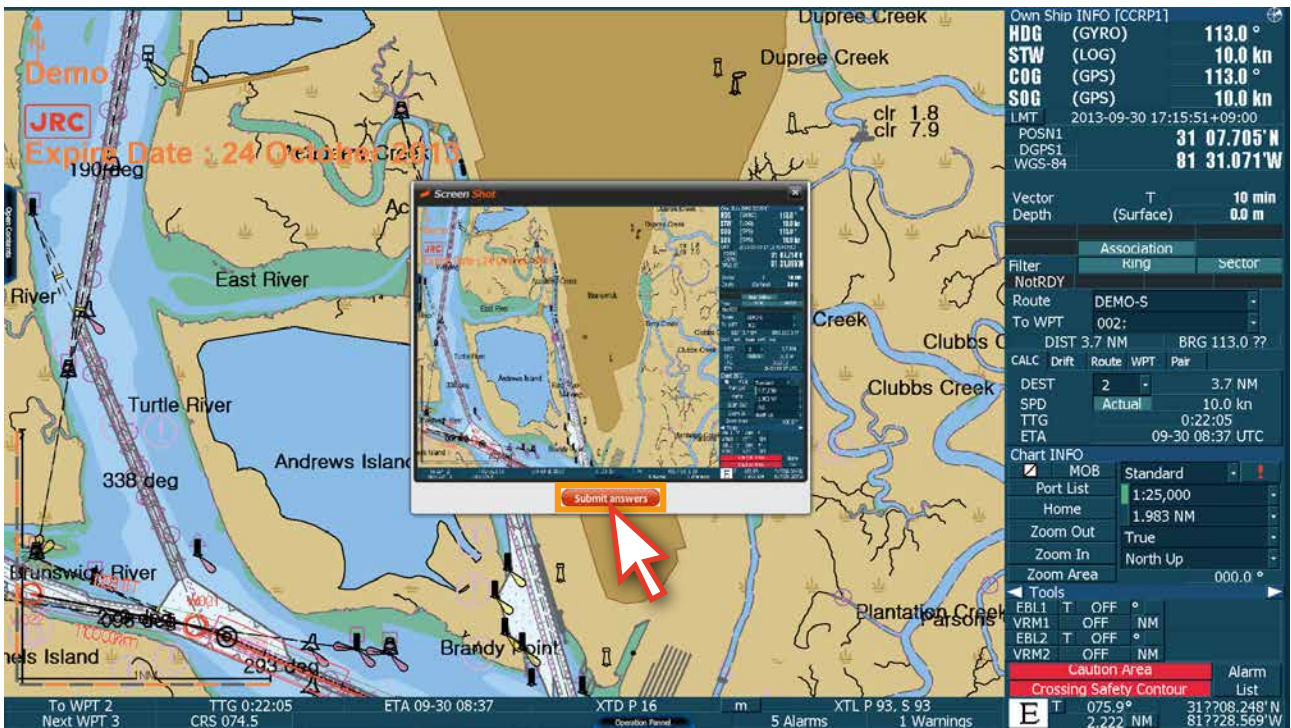
10. You will see the 'questions' one by one in the pop-up window. Check the condition of the question and try to practice according as the condition. You can control the size of pop-up not to interrupted by it during the test.



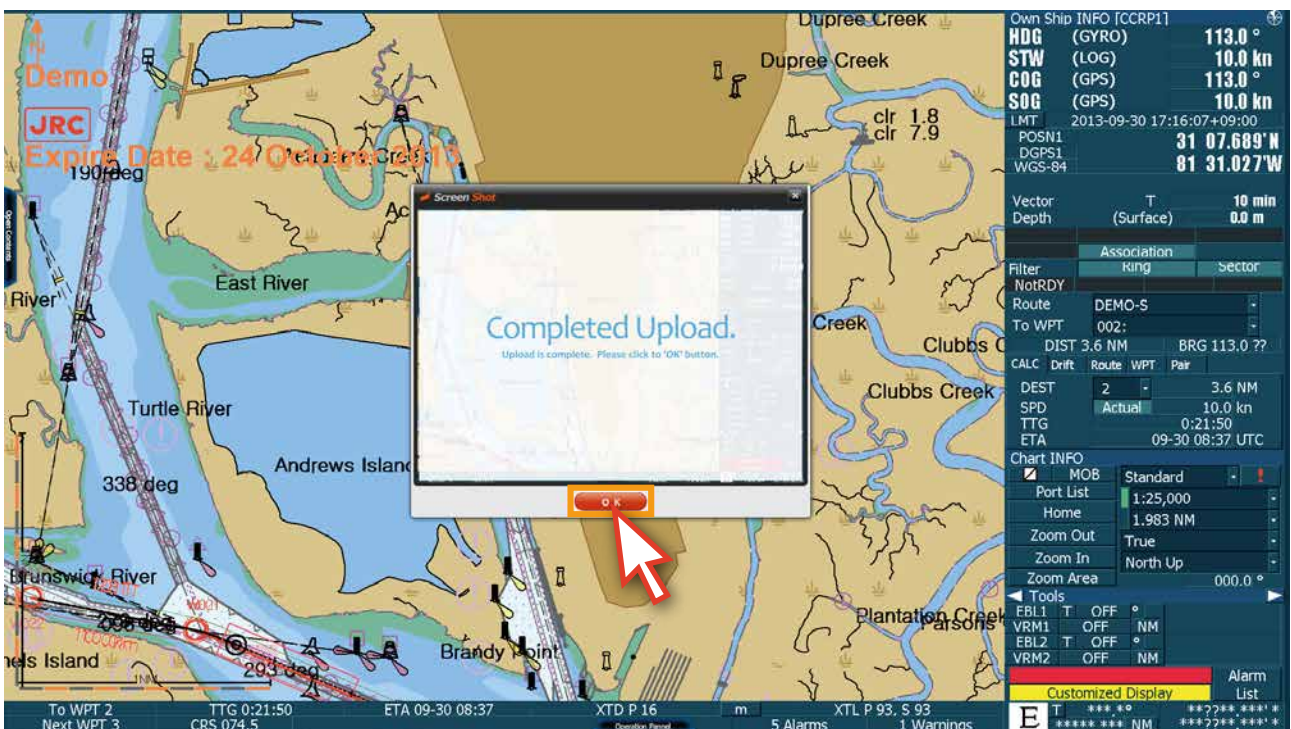
11. Capture the result screen of your practice using the Capture button.



12. Click the **Submit answers** then your practical result will be uploaded automatically in our server.



13. After you finish all the questions, you will have the 'test results' emailed.



14. You can also check your **practical test result** on the 'My Learning Detail' page.
Click the **View** button, then you will see 'detailed information' about your practices.

*The practical test is also only passed with a score of over **80%**.

Home > membership > My Learning Detail

My Learning Detail

Orders

No.	e-Learning Name	Period	Status	Progress	Score	Result	Certificate
1	Type-Specific ECDIS Training - JRC	2013-05-23 ~ 2013-08-21	In progress	100%	80	Pass	Not Issued

Certificate

No history

User Verification ?

No history

Practical Test ?
The practical test is available only after success of the written test.

No.	Date	Score	Result	Detail
1	2013-08-12 13:26:29	80	Pass	View

« First Page 1 Last Page »

Test

No.	Date	Score	Result	Detail
1	2013-07-16 14:22:33	80	pass	View
2	2013-07-12 14:26:16	30	no	View

« First Page 1 Last Page »

14. User Verification

1. When you pass the 'written test' and the 'practical test', you will have reached the final step to get your **Certificate**.
2. Enter the 'My Learning' page (My ID > My Learning > Detail > View)
Click the **User Verification** button.

The screenshot shows the 'My Learning' page for 'edurosECDIS Course information'. A table lists course details, and a 'User Verification' button is highlighted with a red box and a red arrow. Below the table, progress details are shown: Progress: Completed, Written Test: Pass, Practical Test: Pass, and User Verification: Available.

No.	e-Learning Name	Period	Status	Test	User Verification	Certificate	Detail	Download
1	Type-Specific ECDIS Training - JRC	2013-05-23 ~ 2013-08-21	In Progress	TEST	User Verification	No	View	Download

Progress : Completed
Written Test : Pass
Practical Test : Pass
User Verification : Available

3. There are 2 options to verify the user. One is to submit the 'Guarantee letter' which contains the trainer's company guarantees their employee's identity and course completion. The other is to take an 'interview' with an interviewer through the video conference. If you satisfy one of both conditions, you can get the **Certificate**.


The screenshot shows the 'User verification' page with the instruction 'Select the type for getting User Verification.' Two options are presented: 'Guarantee Letter' and 'Interview', each with a 'Select' button. A red box highlights the selection area. A '< To MyLearning Page' button is located at the bottom.

4. If your company or trainer guarantees your identification, then please upload the **Guarantee Letter** issued by your company in 'PDF format'.
 You can download the form of 'guarantee letter from' the site. Please refer to below instruction.

Home > myLearning > User verification


User verification

Select the type for getting User Verification.



Guarantee Letter

Select



Interview

Select

About Letter of Guarantee

The Letter of Guarantee is the official paper issued by captain on board or the company or by the trainer of user. To submit the Letter of Guarantee, please download the letter form in this page. Fill out the letter with the signature of guarantor by hand and upload it in PDF file again.

After you submit the letter, you will receive the result within 24 hours.

Guarantee form	Guarantee.pdf	Download	
Upload	<input type="text"/>	Search	Upload

Please upload only in PDF format.

[< To MyLearning Page](#)

Letter of Guarantee

Date:

Certificate Applicant

Full Name: Mr./Ms.
 Nationality:
 Date of Birth:
 Occupation Position:
 email:
 eduros ID:
 Ship Name:
 Completion of ECDIS Generic Course YES NO

I/We confirm that the above applicant has completed the JRC ECDIS e-learning course and passed the written and practical test with excellent records and is eligible for the certificate now.

Guarantor

Full Name: Seal/Sign
 Position:
 Occupation/Name of organization or Vessel:
 Telephone no.:
 Fax no.:
 Email:

(Note) Please put the seal of the company or the representative of the company. If it is difficult to put the seal, a person in a position of authority at the company/organization may put his/her signature.


< Guarantee form >

5. If you select the **interview** to verify yourself, you must select a **date** and **time** to have the interview. This 'schedule' will be saved automatically in our server.

Home > myLearning > User verification


User verification

Select the type for getting User Verification.



Guarantee Letter

Select



Interview

Select

About Interview
 After completion of the tests, you go through the final step to get the certificate. Interview is the final step to get your certificate and you have 2 types of it to select. Trainees can have an interview on the video chatting or in person with an instructor.
 If you want to have an interview, please select the date and time and make a booking. After you make the interview booking, we will send you the confirmation email within 24 hours.

Please select a date and time for interview.

Today

2013 - 08

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

2013-08-16

- 09:00 ~ 09:30
- 10:00 ~ 10:30
- 11:00 ~ 11:30
- 13:00 ~ 13:30
- 14:00 ~ 14:30
- 15:00 ~ 15:30
- 16:00 ~ 16:30
- 17:00 ~ 17:30

6. You can check it on the 'My Learning Detail' page.
 (My ID > My Learning > Detail > View)

Orders

No.	e-Learning Name	Period	Status	Progress	Score	Result	Certificate
1	Type-Specific ECDIS Training - JRC	2013-05-23 ~ 2013-08-21	In progress	100%	80	Pass	Not Issued

Certificate

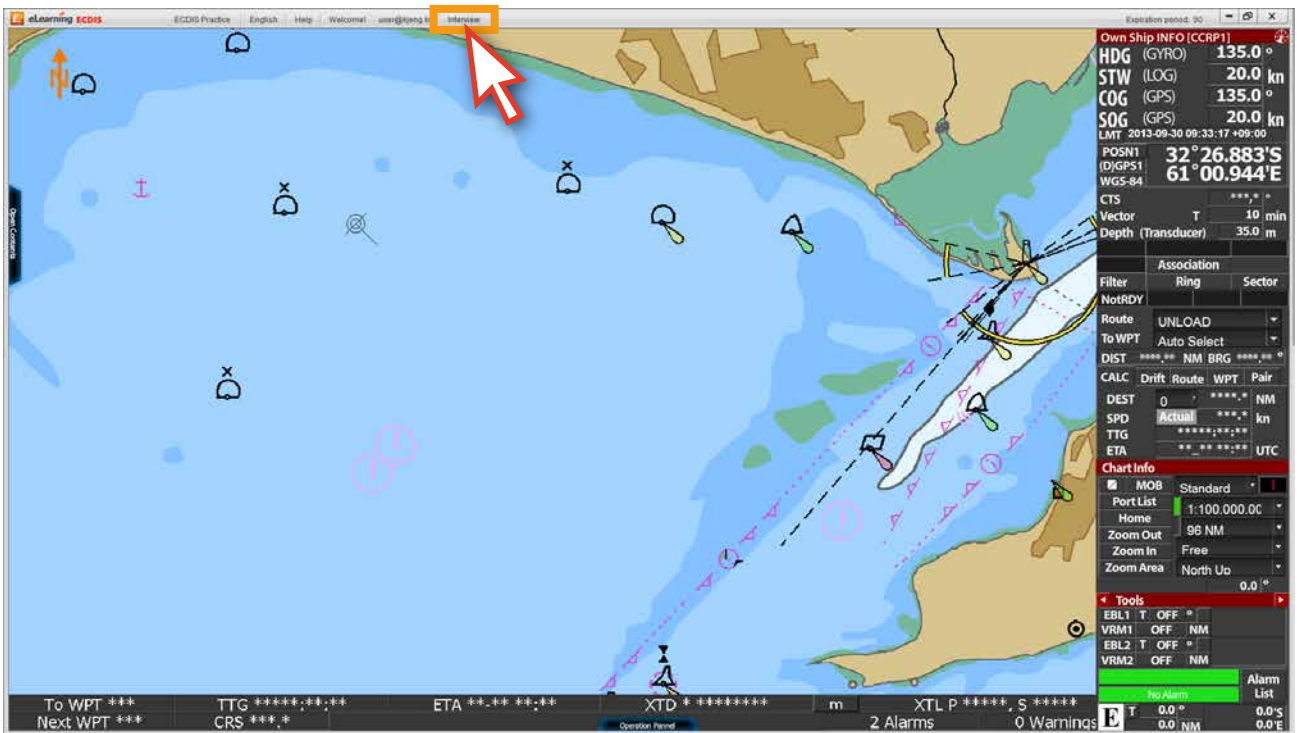
No history

User Verification ?

No.	Certificate Type	Result	Status	View
1	Interview (2013-08-16 13:00 ~ 13:30)	Wait	Wait	<input type="button" value="Wait"/>

◀ First Page 1 Last Page ▶

7. Please log in the edurosECDIS program for the interview on the specified date and click the **Interview** menu at the top of the screen.



8. Now, you can have an 'interview' through the video conference with our interviewer. The interviewer will verify your identity and ECDIS operating skills during this interview. You can have the interview on your PC, tablet and smart phone. The 'result of user verification' will be sent to you by email.



15. JRC ECDIS Certificate Issuance

1. After finishing user verification process, the JRC ECDIS TST Certificate will be issued. Log into the 'eduros website' and go to the 'My Learning' page to check **your result**. If the button shows **Issued**, you can get the 'Certificate of JRC ECDIS TST'. Click it and print out the certificate.
2. If the button shows **No**, you are not verified yet as a proper user. Please wait a couple of days, or contact your agent.

The screenshot shows the eduros website interface. At the top, there is a navigation bar with 'Marine Education', the eduros logo, and a 'Welcome user' notification. Below the navigation bar are links for 'COURSES' and 'SUPPORT'. The main content area shows the 'My Learning' page with a breadcrumb trail 'Home > courses > My Learning'. A section titled 'edurosECDIS Course information' contains a table with the following data:

No.	e-Learning Name	Period	Status	Test	User Verification	Certificate	Detail	Download
1	Type-Specific ECDIS Training - JRC	2013-05-23 ~ 2013-08-21	In progress	TEST	Pass	Issued	View	Download

Below the table, there are details for the course: Progress: Completed, Written Test: Pass, Practical Test: Pass, and User Verification: Guarantee Letter (Upload Date : 2013-08-17 17:19).

The bottom part of the screenshot shows a preview of the 'Certificate of ECDIS Type-Specific Training' for MinBae Kim. The certificate includes the eduros logo, a photo of the recipient, and the following text:

CERTIFICATE of ECDIS TYPE-SPECIFIC TRAINING

This is to certify that **MinBae Kim** has successfully completed JRC ECDIS Type-Specific Training course and is entitled to receive a "CERTIFICATE of ECDIS TYPE-SPECIFIC TRAINING" by Admin (KJ ENG)

The contents of training:
ECDIS Operation of model: **JAN-701B / 901B / 2000**
Place of Training: **eduros.com**
Date of Training: **May 23, 2013 ~ August 21, 2013**

The certificate is signed by jw.Kim, General Manager. A red arrow points to the 'Print' button at the top of the certificate preview.

3. A sample of 'JRC ECDIS Type-Specific Training Certificate'

