



ELECTRONIC TRAINING RECORD BOOK (eCadet)

GUIDELINES

Author : TRMF INC.
In partnership with ELOSOFT INC.
Edition : 2021 ver. 01

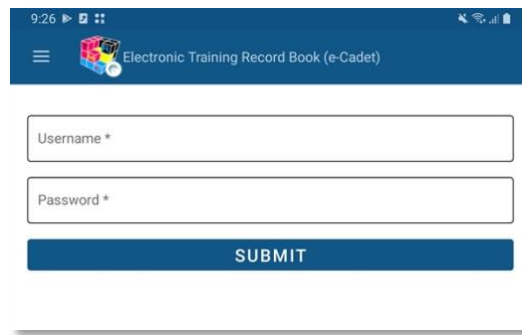
How to Get Started

ETRB-eCadet is the mobile version of e-Cadet online and the main users are onboard cadets. This app works both offline and online. Any changes made on app is automatically synced (as long as there is an internet connection detected) to cadet's online account.

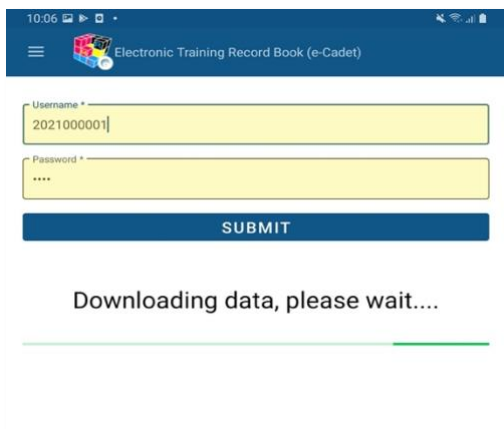
1. Install ETRB-eCadet.1.0.apk
2. After installation, make sure you have the following:
 - a. Your e-cadet Username and Password
 - b. Stable internet connection
3. On the home screen, click the DOWNLOAD NOW button.
4. Provide your user name and password. Once your account credential is recognized, it will takes time to download your record from the web server and for the app to setup your etrb settings.
5. Once the successful message prompt on screen, click the NEXT.
6. Allow the app to register your face for facial recognition. NOTE: Facial recognition is important as it will serve as your login authentication while using the etrb app.



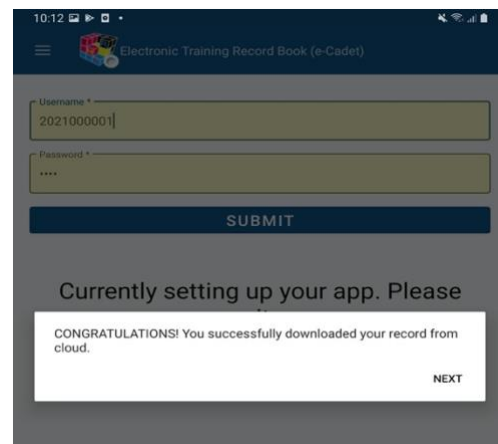
(A)



(B)



(C)



(D)

Using ETRB-eCadet

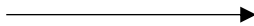
To start using ETRB-eCadet app, setup the following first:

1. Save your current Sea Service Record.
 - Go to menu -> Sea Service Record. Click the circular plus icon located on your screen's lower right. You will be redirected to the form you will going to fill. Click Save button after.
2. Assign your Officers on Board.
 - This one is optional if your admin already assigned officers for you. You can skip this part. But if no officers yet, save one for your current officers on board.
 - To save, go to menu -> Officer Assignment. Click the circular plus icon located on your screen's lower right. You will be redirected to the form you will going to fill. Click Save button after.
3. After saving the two above, you can use the sections of the ETRB-eCadet.

Sea Service Record

Sea Service Records

Ship	IMO Number	Signed On	Signed Off	Voyage Months	Voyage Days
No record to display.					



Sea Service Record Form

Select Vessel *

Sign On *

Sign Off *

IMO Number *

Voyage Months

Voyage Days

Bridge Watchkeeping Months

Bridge Watchkeeping Days

CANCEL SAVE

Sea Service Records

Ship	IMO Number	Signed On	Signed Off	Voyage Months	Voyage Days	
MV Hydra	111-111-1	2021-06-01		1		Update

Officer Assignment Form

11:28 Electronic Training Record Book (e-Cadet)

Officer Assignment

On Board Training Supervisor	Assessor	From	To	Vessel
No record to display.				

+



11:29 Electronic Training Record Book (e-Cadet)

Officer Assignment Form

Abe, Abraham A

Abe, Abraham A

Anders, Stephen G

From Date *
2021-06-01

To Date

CANCEL SAVE

11:29 Electronic Training Record Book (e-Cadet)

Officer Assignment

On Board Training Supervisor	Assessor	From	To	Vessel	
Abe, Abraham A	Abe, Abraham A	2021-06-01		MV Hydra	UPDATE

Record saved successfully

+

Menu/Screen Familiarization

Home Screen

Home screen has the following details:

- Name with profile photo
- Basic Information
- Days on Board
- Sea Service Record
- No. of Tasks for Approval
- No. of Topics for Assessment
- Task Summary Per Function

Electronic Training Record Book (e-Cadet)

Dela Cruz, Juan Gonzales

BASIC INFORMATION			
COMPANY	SCHOOL	DEPT	MOBILE NO.
V-Group Ship Management and Marine Services	Philippine Merchant Marine Academy (PMMMA)	DECK	639111111111

DAYS ON BOARD	
DAYS ON BOARD	DAYS TO GO
9	351

SEA SERVICE RECORD				
SIGN ON	SIGN OFF	DAYS	VESSEL	IMO NO.
2021-06-01		9	MV Hydra	111-111-111-0
TOTAL DAYS		9		

1 Tasks For Approval 0 Topics For Assessment

TASKS COMPLETION PER FUNCTION				
FUNCTION	NO. OF TASKS	TASKS DONE	FOR APPROVAL	N/A
Navigation at the Operational Level	206	0	0	206
Cargo Handling and Stowage at the Operational Level	84	0	0	84
Cargo Handling and Stowage - Additional Tasks for Tankers	59	0	0	59

Cadet's Particular

To change/update profile photo, click the white camera icon beside the profile photo.

Electronic Training Record Book (e-Cadet)

Juan Gonzales Dela Cruz
Department: DECK

Date of Birth : 2000-03-02

Place of Birth : Quezon City

Nationality :

Passport No. :

Passport Issue Date :

Home Address :

Mobile : 639111111111

E-mail :

Height (cm) :

Weight (Kg) :

Blood Type :

Electronic Training Record Book (e-Cadet)

Juan Gonzales Dela Cruz

CAPTURE PHOTO

CLOSE UPDATE

Click the Capture Photo, then Update

To update details, click the UPDATE button located below. You will be redirected to the Cadet's Particular Form. Do the changes then click the SAVE button below.

The image displays two screenshots of the 'Electronic Training Record Book (e-Cadet)' application interface.

Left Screenshot: Shows a form with the following fields: Nationality, Passport No., Passport Issue Date, Home Address, Mobile (63911111111), E-mail, Height (cm), Weight (Kg), Blood Type, Distinguishing Marks, Company (V-Group Ship Management and Marine Services), School (Philippine Merchant Marine Academy (PMA)), Next of Kin Name, Next of Kin Address, Next of Kin Relationship, and Next of Kin Contact No. A blue button labeled 'UPDATE' is at the bottom.

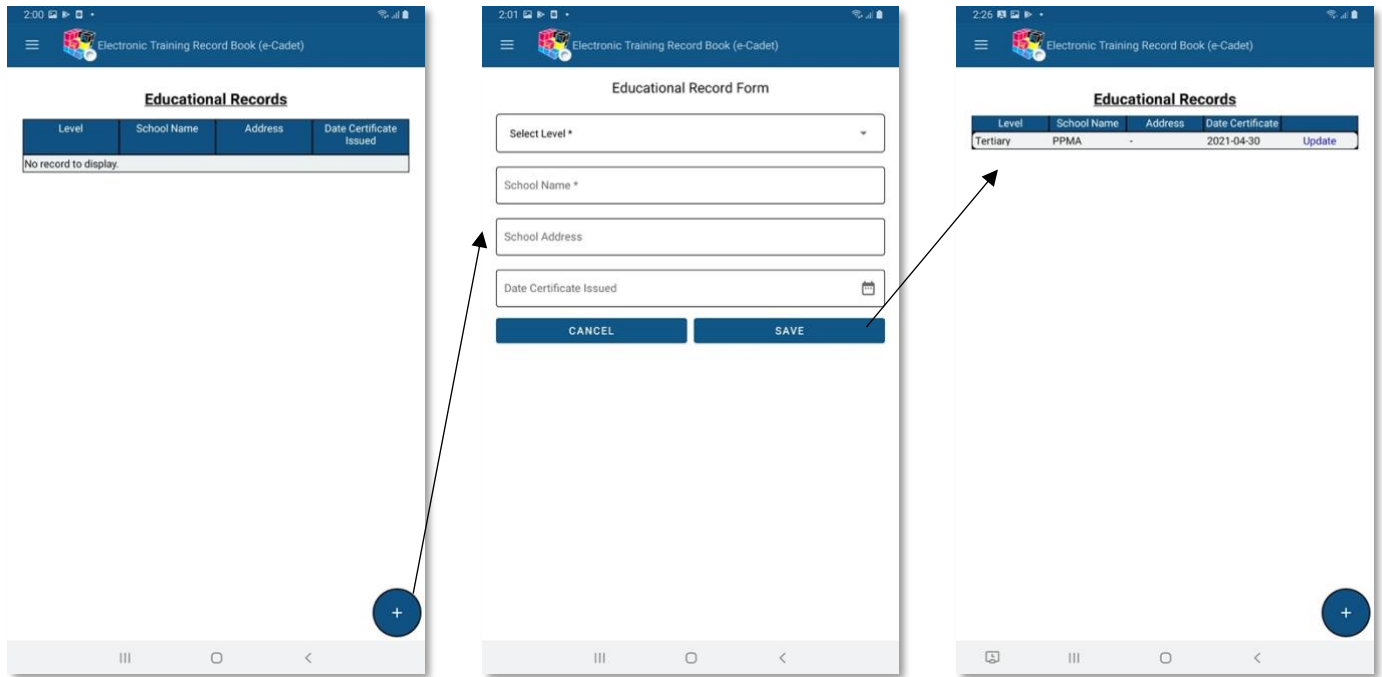
Right Screenshot: Shows the 'Cadet's Particular Form' with the following fields: First Name (Juan), Middle Name (Gonzales), Last Name (Dela Cruz), Birth Date (2000-03-02), Birth Place (Quezon City), Nationality, Passport No., Passport Issue Date, Home Address, Mobile (63911111111), Email, Height (cm), Weight (Kg), Blood Type, Distinguishing Marks, Next of Kin Name, Next of Kin Address, Next of Kin Relationship, and Next of Kin Contact No. At the bottom are two buttons: 'CANCEL' and 'SAVE'.

An arrow points from the 'UPDATE' button in the left screenshot to the 'Cadet's Particular Form' in the right screenshot.

Click the Save button to save changes, or Cancel to go back to Cadet's Particular

Educational Record

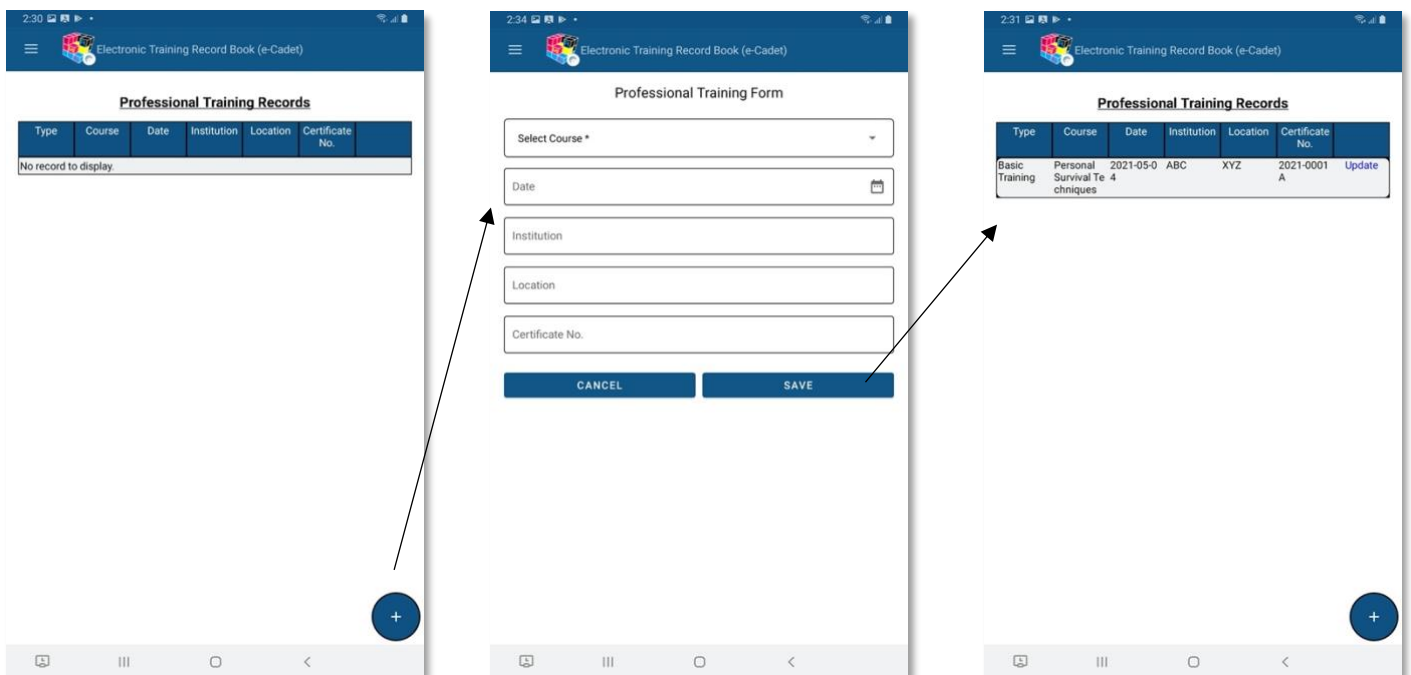
To add new record, click the plus icon located on the lower right of your screen. Fill the form then click SAVE to save your record.



To update an existing record, click the UPDATE word beside the record you wish to update. It will redirect you to the same form where you added new record. Do your changes then click the SAVE button to save.

Professional Training Records

To add new record, click the plus icon located on the lower right of your screen. Fill the form then click SAVE to save your record.



To update an existing record, click the UPDATE word beside the record you wish to update. It will redirect you to the same form where you added new record. Do your changes then click the SAVE button to save.

Task Summary

This section displays all tasks you need to accomplish. Tasks Reference No. are displayed under their corresponding function and competence. Each Task reference no. is clickable and display the following:

- description of the task
- the date it was completed by the cadet
- the name of the STO who signed it
- the date it was signed

Task Summary Record

Navigation at the Operational Level

1 - Plan and conduct a passage and determine position

1.1.1	1.1.2	1.1.3
1.1.4	1.1.5	1.1.6
1.1.7	1.2.1	1.2.2
1.3.1	1.3.2	1.3.3
1.3.4	1.3.5	1.4.1
1.5.1	1.5.2	1.5.3
1.5.4	1.5.5	1.6.1
1.6.2	1.6.3	1.6.4
1.6.5	1.7.1	1.7.2
1.7.3	1.7.4	1.8.1
1.8.2	1.9.1	1.9.2
1.9.3	1.9.4	1.9.5
1.9.6	1.9.7	1.9.8
1.9.9	1.9.10	1.9.11
1.9.12	1.9.13	1.9.14
1.10.1	1.10.2	1.10.3
1.10.4	1.10.5	

2 - Maintain a safe navigational watch

2.1.1	2.1.2	2.1.3
2.1.4	2.1.5	2.1.6
2.1.7	2.2.1	2.2.2
2.2.3	2.2.4	2.2.5
2.3.1	2.3.2	2.3.3
2.3.4	2.3.5	2.4.1

Task Summary Record

Navigation at the Operational Level

1 - Plan and conduct a passage and determine position

1.1.1	1.1.2	1.1.3
1.1.4	1.1.5	1.1.6
1.1.7	1.2.1	1.2.2
1.3.1	1.3.2	1.3.3
1.3.4	1.3.5	1.4.1
1.5.1	1.5.2	1.5.3
1.5.4	1.5.5	1.6.1
1.6.2	1.6.3	1.6.4
1.6.5	1.7.1	1.7.2
1.7.3	1.7.4	1.8.1
1.8.2	1.9.1	1.9.2
1.9.3	1.9.4	1.9.5
1.9.6	1.9.7	1.9.8
1.9.9	1.9.10	1.9.11
1.9.12	1.9.13	1.9.14
1.10.1	1.10.2	1.10.3
1.10.4	1.10.5	

2 - Maintain a safe navigational watch

2.1.1	2.1.2	2.1.3
2.1.4	2.1.5	2.1.6
2.1.7	2.2.1	2.2.2
2.2.3	2.2.4	2.2.5
2.3.1	2.3.2	2.3.3
2.3.4	2.3.5	2.4.1

1.1.1 Demonstrate an understanding of the chart folio system and assist in correcting charts and other publications

Date Completed :
STO :
Date Signed :

CLOSE

Training Aids

To add new record, click the plus icon located on the lower right of your screen. Fill the form then click SAVE to save your record.

The first screenshot shows the 'Training Aids' section with a table header: Date, Subject/Title, Officer. Below the header, it says 'No record to display.' A plus icon is at the bottom right.

The second screenshot shows the 'Training Aid Form' with fields for Date, Subject/Title, and buttons for CANCEL and SAVE.

The third screenshot shows the 'Training Aids' section with a record added: 2021-05-12, Basic Navigation 2019 Edition, and an Update button.

To update an existing record, click the UPDATE word beside the record you wish to update. It will redirect you to the same form where you added new record. Do your changes then click the SAVE button to save.

Shipboard Safety and Security Familiarization

The screenshot shows the 'Shipboard Safety and Security Familiarization' section. It includes a table with columns: Task/Duty, Ship, Officer, Date. The table contains several rows of tasks and duties, including 'Safety and emergency procedures', 'Locate and don lifejacket and immersion suit', 'Locate and understand of fire fighting equipment', etc. A link '+ INSERT BOAT AND MUSTER STATIONS' is visible above the table.

This section will display all the task and duties you need to comply and be familiarized with throughout your cadetship together with the other details:

- Ship or vessel
- Officer who signed each task
- Date when the officer signed each task

NOTE : If you are under Deck department, the INSERT BOAT AND MUSTER STATIONS link will be visible. Click the link to redirect you to the form where you will save new record.

The screenshot shows the 'Boat and Fire Muster Stations Form' with fields for Lifeboat Muster Station, Lifeboat Duties, Emergency Muster Station, and Emergency Duties.

Ship's Particulars

To add new record, click the plus icon located on the lower right of your screen. Fill the form then click SAVE to save your record.

Ship's Particulars

Ship's Name	Ship Type	IMO No.	Call Sign	Flag
No record to display.				

Ship's Particular Form

It is an essential feature of your training that you obtain a thorough knowledge of the ships on which you serve. To assist you in meeting this important requirement the following particulars are to be recorded during the time spent on each ship. Questions on this subject, with particular reference to your last ship, are likely to be put to you during an oral examination and assessment for your certificate of competency.

General Particulars

Select Ship *

IMO Number *

Call Sign *

Flag *

Dimensions and Capacities

Length overall

Breadth

Depth

Summer draft

Ship's Particulars

Ship's Name	Ship Type	IMO No.	Call Sign	Flag
MV Antares	Liquefied Gas Carriers	111-111-111	NA	NA

Record saved successfully

To update an existing record, click the UPDATE word beside the record you wish to update. It will redirect you to the same form where you added new record. Do your changes then click the SAVE button to save.

List of Competences / Tasks

List of Competences / Tasks

Task Guidelines

Navigation at the Operational Level

- 1 - PLAN AND CONDUCT A PASSAGE AND DETERMINE POSITION
- 2 - MAINTAIN A SAFE NAVIGATIONAL WATCH
- 3 - USE OF RADAR AND ARPA TO MAINTAIN SAFETY OF NAVIGATION
- 4 - USE OF ECDIS TO MAINTAIN THE SAFETY OF NAVIGATION
- 5 - RESPOND TO EMERGENCIES
- 6 - RESPOND TO A DISTRESS SIGNAL AT SEA
- 7 - USE THE IMO STANDARD MARINE COMMUNICATION PHRASES AND USE ENGLISH IN WRITTEN AND ORAL FORM
- 8 - TRANSMIT AND RECEIVE INFORMATION BY VISUAL SIGNALLING
- 9 - MANOEUVRE THE SHIP

Cargo Handling and Stowage at the Operational Level

- 10 - MONITOR THE LOADING, STOWAGE, SECURING, CARE DURING THE VOYAGE AND THE UNLOADING OF CARGOES

Cargo Handling and Stowage - Additional Tasks for Tankers

- 11 - MONITOR LOADING OF CARGOES
- 12 - MONITOR DISCHARGING OF CARGOES

This section displays all the competences under each function. Click a certain competence to redirect you to the list of tasks.

1 Competence : Plan and conduct a passage and determine position

1.1 Topic : Consult navigational publications	STO	Date
1.1.1 Demonstrate an understanding of the chart folio		START
1.1.2 Demonstrate an understanding of contents and the		START
1.1.3 Sailing directions and ship's routing information		START
1.1.4 List of lights and fog signals		START
1.1.5 Tide tables, tidal stream and current atlases		START
1.1.6 Pilot books		START
1.1.7 Radio navigational warnings		START
1.10 Topic : Determine the most probable position of the ship by observing the sun, stars or planets	STO	Date
1.10.1 Identify stars of first magnitude		START
1.10.2 Demonstrate use of the chronometer		START
1.10.3 Understand use of chronometer rate book		START
1.10.4 Practise sun sights		START
1.10.5 Practise noon calculations e.g. distance, average speed, course made good, set and drift and ETA		START

Click START to modify a specific task.

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1.1.1 - Demonstrate an understanding of the chart folio system and assist in correcting charts and other publications

Activity

Completed

Latitude and Longitude

☐ Not Applicable

UPLOAD IMAGE

Filename

No file to display

BACK SAVE

Fill this form

Click this if has images to attach

Click to save

Electronic Training Record Book (e-Cadet)

1.1.1 - Demonstrate an understanding of the chart folio system and assist in correcting charts and other publications

Activity

Completed

Latitude

☐ Not Applicable

File Description

CAPTURE PHOTO

CLOSE SAVE

No file to display

BACK SAVE

Electronic Training Record Book (e-Cadet)

1 Competence : Plan and conduct a passage and determine position		
1.1 Topic : Consult navigational publications	STO	Date
1.1.1 Demonstrate an understanding of the chart folio		ON GOING
1.1.2 Demonstrate an understanding of contents and the		START
1.1.3 Sailing directions and ship's routing information		START
1.1.4 List of lights and fog signals		START
1.1.5 Tide tables, tidal stream and current atlases		START
1.1.6 Pilot books		START
1.1.7 Radio navigational warnings		START
1.10 Topic : Determine the most probable position of the ship by observing the sun, stars or planets	STO	Date
1.10.1 Identify stars of first magnitude		START
1.10.2 Demonstrate use of the chronometer		START
1.10.3 Understand use of chronometer rate book		START
1.10.4 Practise sun sights		START
1.10.5 Practise noon calculations e.g. distance, average speed, course made good, set and drift and ETA		START
1.2 Topic : Select charts of adequate scale	STO	Date
1.2.1 Assist deck officer in preparing navigational passages and in voyage planning		START
1.2.2 Select appropriate scale chart from paper chart portfolio, Electronic Chart System (ECS) or Electronic Chart Display and Information Systems (ECDIS)		START
1.3 Topic : Set courses	STO	Date
1.3.1 Demonstrate the use of the compass when setting		START
1.3.2 Set up:		START
1.3.3 Off course alarm		START

NOTE : As long as the status of the task is **ON GOING**, you can still be able to update your record. If a task is already signed by the officer, updating is no longer allowed.

International Regulations for Preventing Collisions at Sea

This section displays the rules, the name of the officer who signed it and when it was assigned.

International Regulations for Preventing Collisions at Sea

When Cadets are examined for certificates of competency they will be required to demonstrate a thorough knowledge of the rules and their application, including amendments to 2007.

Parts A, B, C, D, and E
When the Cadet can demonstrate that each rule is fully understood, application of the rule is correctly known and the rule is committed to memory, the appropriate box should be initialed and dated by an Officer. The intention is that cadets discuss the rules and their application with the navigating officers. They should be given opportunities to observe implementation of the rules, with the action taken explained to them. This will also serve as an opportunity for the officers to refresh their own understanding of the rules.

Annex I
Only an outline knowledge is required, but the provisions of Section 9a should be fully understood.

Annex II and III
A general knowledge is required.

Annex IV
A full and comprehensive knowledge of distress signals is required.

Note: A thorough knowledge is required of the rules.

Part A General		
Rule	Officer	Date
Rule 1		
Rule 2		
Rule 3		

Part B Section 1		
Rule	Officer	Date
Rule 4		

Record of Bridge Watchkeeping

To add new record, click the plus icon located on the lower right of your screen. Fill the form then click SAVE to save your record.

Record of Bridge Watchkeeping

Date	Time	Total Hrs.	Description	Type of
No record to display				

Record of Bridge Watchkeeping Form

Date *

From Time *

To Time *

Voyage number

Voyage Description (state departure and arrival ports)

Select Type of Watch *

Remarks(describe watch activities)

CANCEL SAVE

Record of Bridge Watchkeeping

Date	Time	Total Hrs.	Description	Type of
2021-06-07	13:00 / 20:50	7.83	sea	Update

To update an existing record, click the UPDATE word beside the record you wish to update. It will redirect you to the same form where you added new record. Do your changes then click the SAVE button to save.

Record of Steering

To add new record, click the plus icon located on the lower right of your screen. Fill the form then click SAVE to save your record.

The first screenshot shows the 'Record of Steering' screen with a table header: Type, Voyage From, Voyage To, Date. Below the header, it says 'No record to display'. A plus icon is at the bottom right.

The second screenshot shows the 'Record of Steering Form' with the following fields: Select Type *, Voyage From *, Voyage To, Date *, Steered From, Steered To, Remarks, CANCEL, and SAVE.

The third screenshot shows the 'Record of Steering' screen with a table header: Type, Voyage From, Voyage To, Date, Total Hrs. Below the header, it shows a record: By compass(A, B, 2021-06-08, 4.0, and an Update link.

To update an existing record, click the UPDATE word beside the record you wish to update. It will redirect you to the same form where you added new record. Do your changes then click the SAVE button to save.

Record of Port Watches

To add new record, click the plus icon located on the lower right of your screen. Fill the form then click SAVE to save your record.

The first screenshot shows the 'Record of Port Watches' screen with a table that has no records. A plus icon is at the bottom right.

The second screenshot shows the 'Record of Port Watches Form' with the following fields:

- Date *
- From Time *
- To Time
- Voyage Number
- Name of port/terminal *
- Description of cargo operations
- Remarks (describe activities carried out during watch)
- CANCEL and SAVE buttons

The third screenshot shows the main screen with a record added. The record is:

Date	Time (From/To)	Total Hrs.	Voyage Number	Name of port/terminal	Description of Cargo Operation
2021-06-09	13:00/17:00	4.0	1	ABC	

An 'Update' link is next to the record. A plus icon is at the bottom right.

To update an existing record, click the UPDATE word beside the record you wish to update. It will redirect you to the same form where you added new record. Do your changes then click the SAVE button to save.

STO's Monthly Review

The screenshot shows the 'Shipboard Training Officer's Monthly Review' screen. It includes a title, a note about comments, and a table with the following data:

Ship	Comments	STO's Name	Date
	Sed ut perspiciatis unde omnis iste natus error	Abe, Abraham A	null
MV Pleiades	Sit voluptatem accusantium doloremque laudantium	Abe, Abraham A	null
MV Pleiades	Rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo	Abe, Abraham A	null

This section displays all the reviews made by the Shipboard Training Officers (STO) for their cadet.

Master/Chief Engineer's Monthly Review

3:46 Electronic Training Record Book (e-Cadet)

Master/Chief Engineer's Monthly Review
Comments should only relate to the Cadet's practical progress in training and competence.

Ship	Comments	Name	Date
MV Pleiades	Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit	Abe, Abraham A	2021-02-05

This section displays all the reviews made by the Master or Chief Engineer for their cadet.

Company's Monthly Review

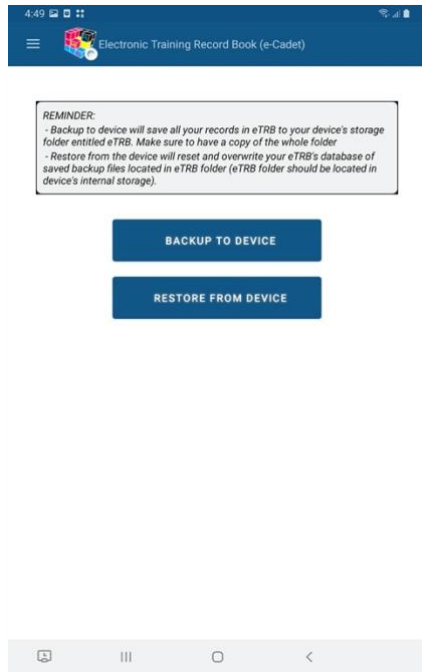
3:46 Electronic Training Record Book (e-Cadet)

Company's Monthly Review
Comments should only relate to the Cadet's practical progress in training and competence.

Comments	Name	Designation	Date
Sample review			2021-02-04
Sample Company Review	Avery, Jasper	Inspector	2021-02-05

This section displays all the reviews made by the company's representative for their cadet.

Backup / Restore



This section allows you to Backup and Restore your etrb's data into/from your device.

Back to Device – will create a text file inside the folder etrb with other attached images.

Restore from Device – will restore all progress saved from text file created from backup function.

NOTE :

- etrb folder must not be renamed and moved to other location beside the device's internal storage.
- If possible have a copy of the whole folder as your backup aside from your device's internal storage.

*** NOTHING FOLLOWS ***
