



USER'S MANUAL

electronic ASEAN Catch Documentation Scheme (eACDS)

PART 2: CATCH DECLARATION



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electronic ASEAN Catch Documentation Schemes (eACDS)

Part 2: CATCH DECLARATION



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TD/TRB/93



First published in Phrasamutchedi, Samut Prakan, Thailand in December 2020 by the Training Department of the Southeast Asian Fisheries Development Center

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For citation purposes this document may be cited as:

Imsamrarn N., Saraphaivanich K., Meenam S., & Siriraksophon S. (2020). User's Manual of the electronic ASEAN Catch Documentation Scheme, Part 2: Catch Declaration. Training Department, Southeast Asian Fisheries Development Center.

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USER'S MANUAL

electronic ASEAN CATCH DOCUMENTATION SCHEMES (eACDS)

PART 2: CATCH DECLARATION (CD)

CHAPTER 1: BACKGROUND

The fisheries sector in Southeast Asia is critical, contributing to people's social, economic, and livelihoods. The several ASEAN Member States were the top ten seafood producers exporting to the world seafood-market during the past decades and even now. However, the challenges on the international fish-trade related issues, particularly the IUU fishing issues, have significantly impacted the ASEAN seafood exporting until the present. In 2015, all ASEAN Member States (AMSs) requested SEAFDEC to develop the ASEAN Catch Documentation Scheme (ACDS) to enhance a traceability system for fish and fisheries products in the ASEAN. SEAFDEC, through the technical consultations with all Member Countries, drafted the ACDS concept in 2015-2017, the ASEAN adopted the ACDS concept in May 2017 (Appendix 1).

To support the implementation of the ACDS, SEAFDEC Training Department (SEAFDEC/TD) has developed the 1st version of the electronic system of the ACDS (eACDS-V.1) in collaboration with a pilot country, Brunei Darussalam, in 2017-2018. The prototype eACDS covers the management of the Catch Declaration (CD), Movement Document (MD), and issuance of Catch Certification (CC). However, the catch reporting at sea was the fundamental problem when mobile devices operated offshore without an internet signal. There was no monitoring system on how raw-fish materials were used in the processing plants and no vessel tracking functions. For these reasons, from 2019 till the 3rd quarter of 2020, SEAFDEC/TD has improved the eACDS applications in collaboration with the Directorate of Fisheries (D-Fish) of Viet Nam. Based on the lesson learned from the existing paper-types of the Viet Nam Catch Certification for EU-Market, SEAFDEC/TD developed the 2nd version of the eACDS (eACDS-V.2) through closed collaboration with the Sub D-Fish in Binh Thuan Province.

The eACDS-V.2 applications are to replace the eACDS-V.1 as a new prototype application for further promotion in the ASEAN. The new eACDS system includes mobile application in both online and offline modes for catch reporting at sea, which is a part of the catch declaration process. The 2nd version also added other critical functions on traceability called the Statement of Catch (SC) for monitoring the use of raw-fish materials in the processing plant, as shown in **Figure 1-1**. The system also includes the transshipment at sea and many new features in the applications, such as vessel tracking on the eACDS mobile application, timeline activities recording, summary report, a dashboard for the manager, *etc.*

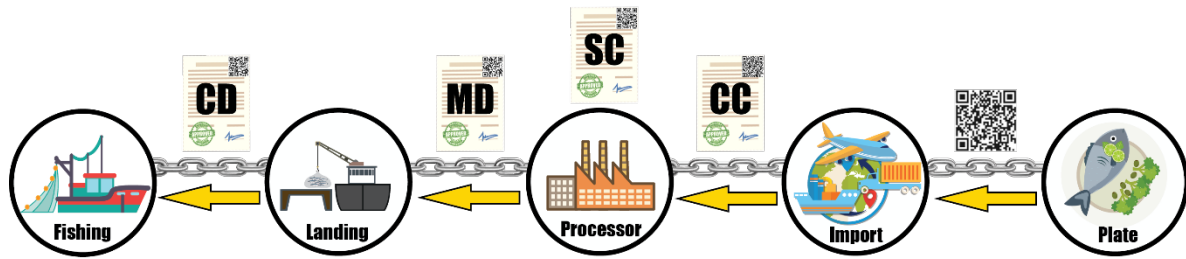


Figure 1-1: Traceability System for Marine Capture Fisheries

The ASEAN Catch Documentation Scheme (ACDS) is a management tool to prevent the entry of fish and fishery products from IUU fishing to the supply chains in the ASEAN. Towards the improvement of the traceability system for marine capture fisheries, the manual's overall objective of the ASEAN Catch Documentation Schemes' electronic system is to guide relevant stakeholders along the supply chains to understand the step-by-step how to implement the eACDS applications.

The eACDS User's Manual consists of six (6) parts described along with traceability system processes from catching to landing, purchasing, transferring of catch to processing, using raw materials in processing, issuing the certification, and exportation. Besides, some countries in the ASEAN implements transshipment at sea. The eACDS applications, therefore, include the transshipment at sea in a separate part. There are six (6) parts of the manual as follows:

Part 1: Introduction of the eACDS

Part 2: Issuance of the Catch Declaration (CD)

Part 3: Issuance of the Movement Document (MD)

Part 4: Issuance of the Statement of Catch (SC) and Catch Certification (CC)

Part 5: Transshipment at Sea

Part 6: System Administration

This manual refers to the 1st part of the eACDS system focusing on the issuance of the Catch Declaration (CD). The processes include requesting for port out, catch reporting at sea, request for port in, catch weight verification, and issuance of the Catch Declaration (CD) to the fishing master. The stakeholders concerned in the process are mostly related to the fishing master or fishing vessel owner and port authority. The eACDS applications used in the processes are 1) web application and 2) the eACDS Catch Report application for mobile devices.

CHAPTER 2: GENERAL INFORMATION

- ✓ Catch Declaration (CD) is a certificate to the fishing master who requested for fishing, reported their catch at sea, and verified their fish caught at the landing port. The CD certificate, given to fishing master, is to assure that fishing master conducted fishing legally, reported, and regulated following the national management measures.
- ✓ The CD form, for instance of Viet Nam, is as appear in **Figure 3-107**, composes of three (3) parts, namely:
 - Part A: Checking when vessel leaving the port (check list before permitted port out)
 - Part B: Checking when vessel landing (CD)
 - Part C: Fishing logbook
- ✓ CD number is generated from the eACDS system when requesting for port out via the eACDS web application, later called the eACDS webpage. CD number composes of fourteen (14) digits, for example:

CD Number	=	VNCD3107200001
Where:		
VN	=	Country name, e.g., Viet Nam
CD	=	Catch Declaration
310720	=	Issued Date (DDMMYY)
0001	=	Running number for each day

- ✓ The mobile application used in the CD processes is the eACDS Catch Report application.
- ✓ To use the Catch Report application, fishing master or fishing vessel owner must register their fishing vessel to the port authority or fisheries provincial authority. One of the essential data requirements for registration is the email account of the applicant.
- ✓ Users can search for “eacds” at Play Store for Android or App Store for iOS, and install the “eACDS-Catch Report Hybrid,” to the mobile devices (mobile phone, tablet, *etc.*). The details on how to install the eACDS-Catch Report Hybrid application appears in the **User’s Manual for eACDS, Part 1: Introduction**.
- ✓ Besides, fishing master or boat owner must know how to access the eACDS webpage of each country such as Viet Nam at <https://eacds.seafdec.org/vietnam> from the desktop computer or mobile device such as a tablet, mobile phone, *etc.*
- ✓ Access to the eACDS webpage is for port out request and port in request by the fishing master and boat owner. This online request is a user-friendly tool for them to request from anywhere, even though from home, directly. This process requires an email account and password.

CHAPTER 3: CATCH DECLARATION ISSUANCE

The eACDS system will cover the port out request not only for fishing vessels but including transshipment vessels and other vessels that support the fishing activities at sea.

For fishing vessels, there are three (3) processes for the issuance of Catch Declaration (CD), as shown below:



CHAPTER 3-1: PORT OUT PERMISSION

There are two (2) steps for requesting the port out permission as follows:

- 1) Requesting for port out by fishing master: two (2) methods for requesting for port out
 - A. Fishing master request for port out permission via the online eACDS web application; and
 - B. Fishing master calls/come to port authority for port out request
- 2) Validating the port out request by port authority and providing a result to fishing master

STEP 1-1: REQUEST FOR PORT OUT PERMISSION BY FISHING MASTER

A) REQUEST VIA ONLINE eACDS WEB APPLICATION

1. Fishing master or authorized boat owner directly access the eACDS webpage of each country such as Viet Nam at <https://eacds.seafdec.org/vietnam> using the user account and password provided from the fishing port authority. A login page will appear as **Figure 3-1**.
2. After login completed, click "SIGN IN" a new window of the port out page will appear as **Figure 3-2**. Look at the top menus, three (3) categories of purpose activity such as fishing (activity), transshipment (activity), and other (activity). In this chapter, the top menu refers to fishing activity.

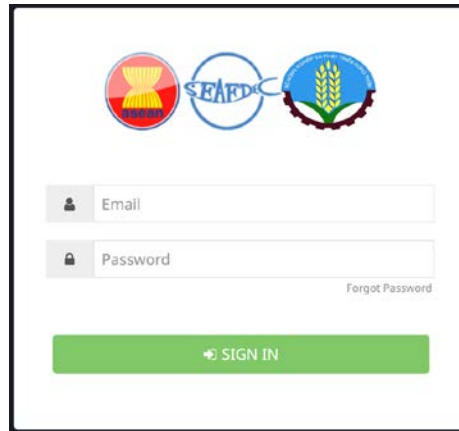


Figure 3-1: Login Page for the eACDS Web Application

#	CD Number	Vessel Name	Port-out Name	Fishing zone	Departure Date	Status	Action
1	VNCD2412200006	22527	La Gi	Tonkin Gulf	24/12/2020 (13:15)	Approved	[Action Icons]
2	VNCD2112200001	22527	La Gi	Tonkin Gulf	21/12/2020 (9:30)	Approved	[Action Icons]
3	VNCD2010200003	22527	La Gi	Tonkin Gulf	20/10/2020 (15:40)	Approved	[Action Icons]
4	VNCD1910200001	22527	La Gi	Tonkin Gulf	19/10/2020 (11:15)	Approved	[Action Icons]
5	VNCD1610200001	22527	La Gi	Tonkin Gulf	16/10/2020 (11:10)	Approved	[Action Icons]
6	VNCD1410200001	22527	La Gi	Tonkin Gulf	14/10/2020 (15:00)	Approved	[Action Icons]
7	VNCD1210200001	22527	La Gi	Tonkin Gulf	12/10/2020 (13:30)	Approved	[Action Icons]
8	VNCD1409200001	22527	La Gi	Tonkin Gulf	14/09/2020 (3:00)	Approved	[Action Icons]
9	VNCD1009200002	22527	La Gi	Tonkin Gulf	10/09/2020 (12:00)	Approved	[Action Icons]
10	VNCD1009200001	22527	Phan Ri Cua	Central Area	10/09/2020 (11:00)	Approved	[Action Icons]

Figure 3-2: Port Out Page for Fishing Activity

3. From **Figure 3-2**, click “**+ Request**” a new port out request will appear as **Figure 3-3**. All detailed information needs for port out request are as follows:

- ✓ **Vessel Name:** by selection from the pop up list. The eACDS system will link the vessel name data with the other four (4) essential data, such as vessel owner name, type of fishing gear registered, fishing license, and gear license expiration dates. Regarding this, after the user enters/selects the vessel name that requested for port out, the four essential data will appear automatically as shown in **Figure 3-4**
- ✓ **Port-out Name:** by selection from the pop up list, see **Figure 3-5**
- ✓ **Purpose:** there are three (3) options including 1) fishing, 2) transshipment, and 3) other activities with no catch for landing. However, the system will default based on the top menu selection, see **Figure 3-6**

- ✓ **Fishing zone:** the list of fishing zone is based on the national fisheries management zone, user can select from the pop up list as shown in **Figure 3-7**
- ✓ **Fishing Master (Name):** see **Figure 3-8**
- ✓ **Number of Crew:** see **Figure 3-8**
- ✓ **Departure Date:** see **Figure 3-9a** (time) and **3-9b** (date). The system will allow to input the present date and few days ahead only. User will not allow to select the past date

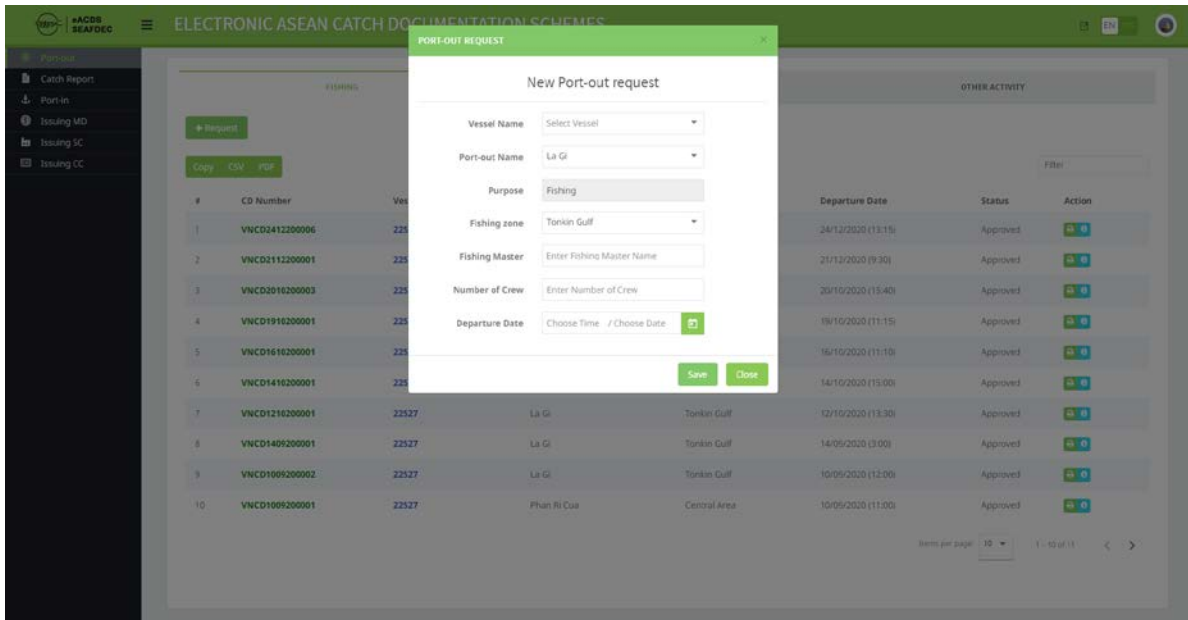


Figure 3-3: The Information Required for New Port Out Request by Fishing Master

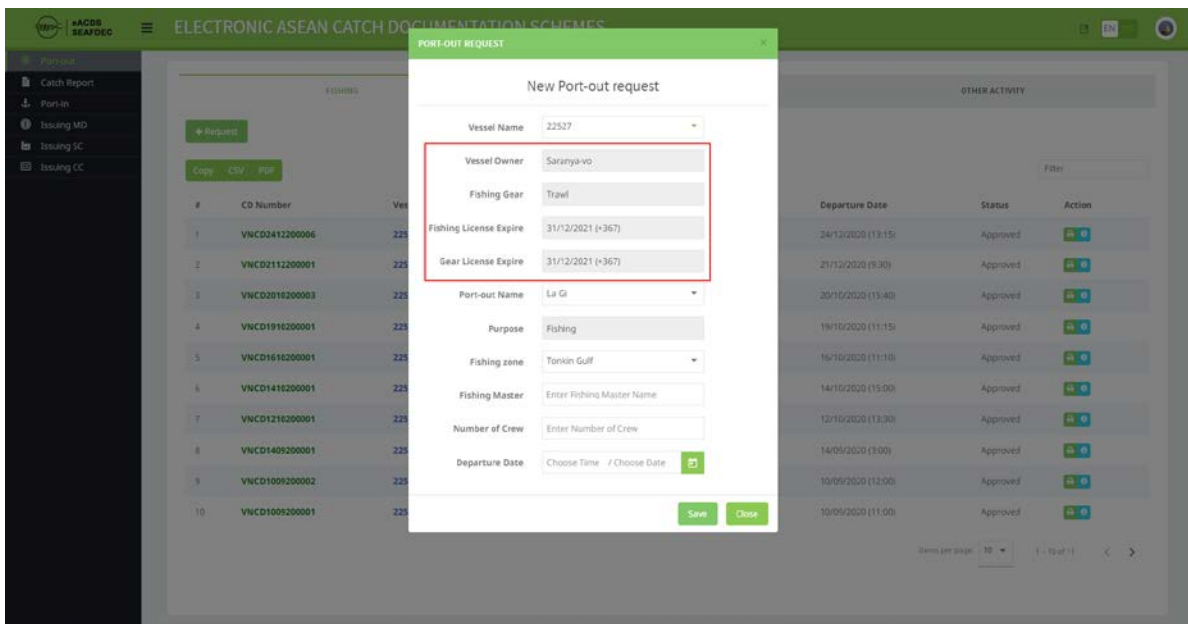


Figure 3-4: The Other Four Essential Data are Automatically Filled In

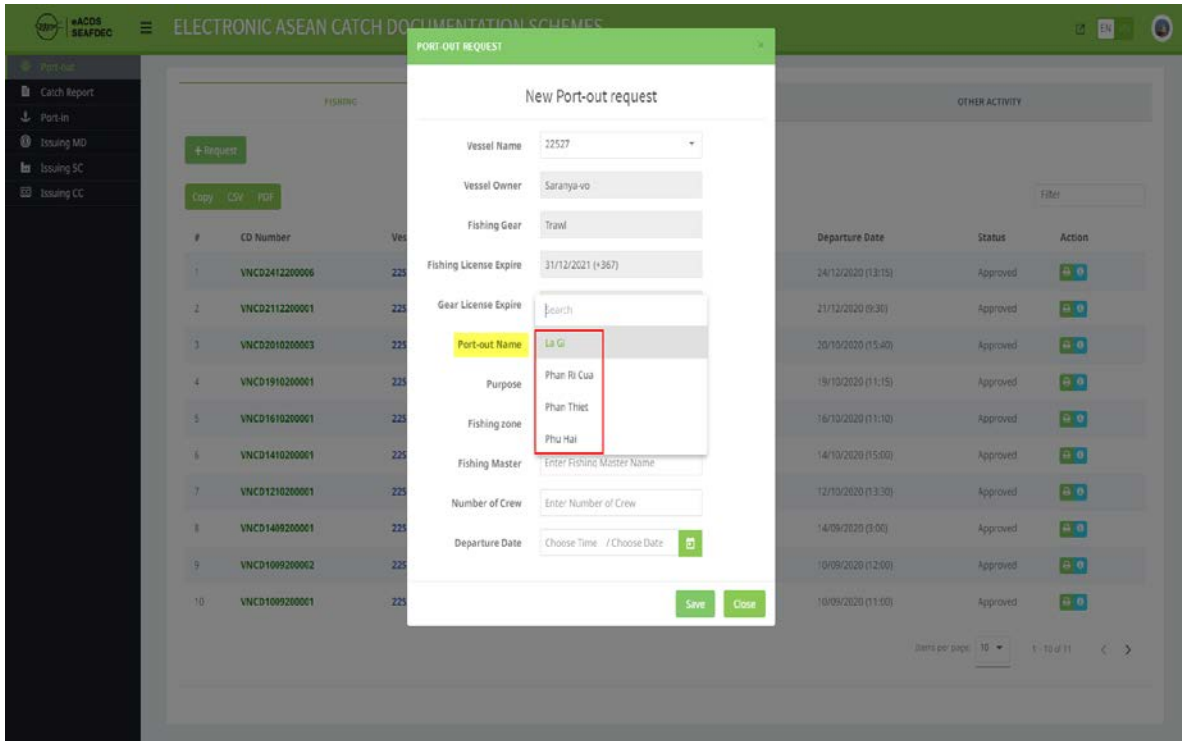


Figure 3-5: Selection of Port Out (The System will Default the Home Port as Registered)

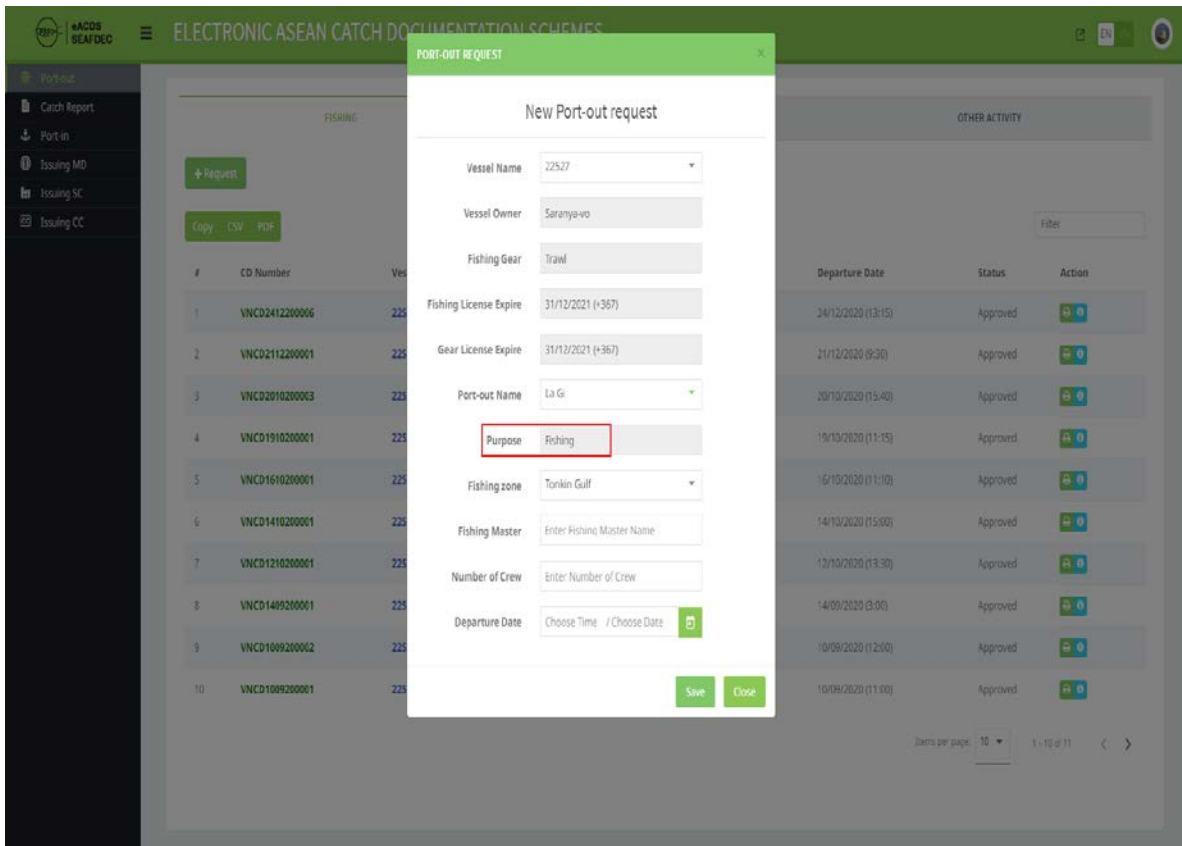


Figure 3-6: The Purpose for Port Out will be Default According to Top Menu Selection

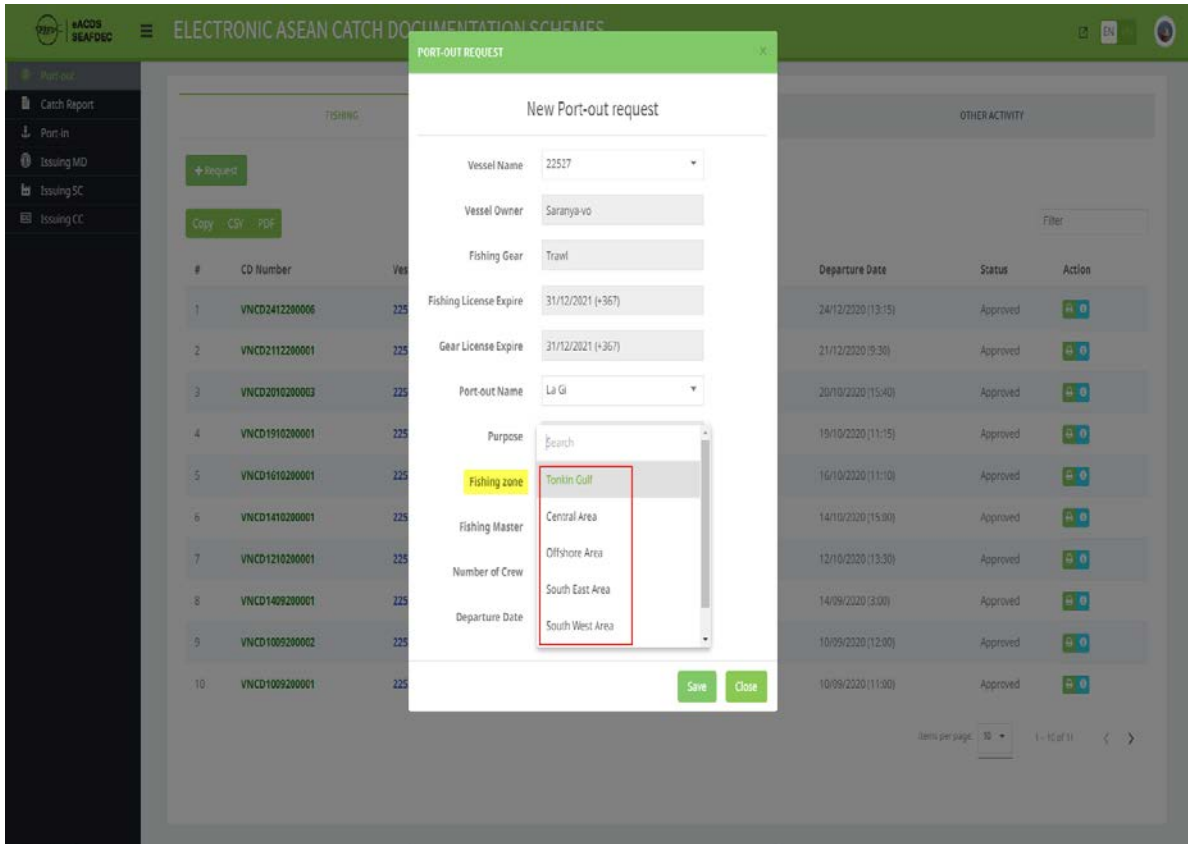


Figure 3-7: Selection of Fishing Zone

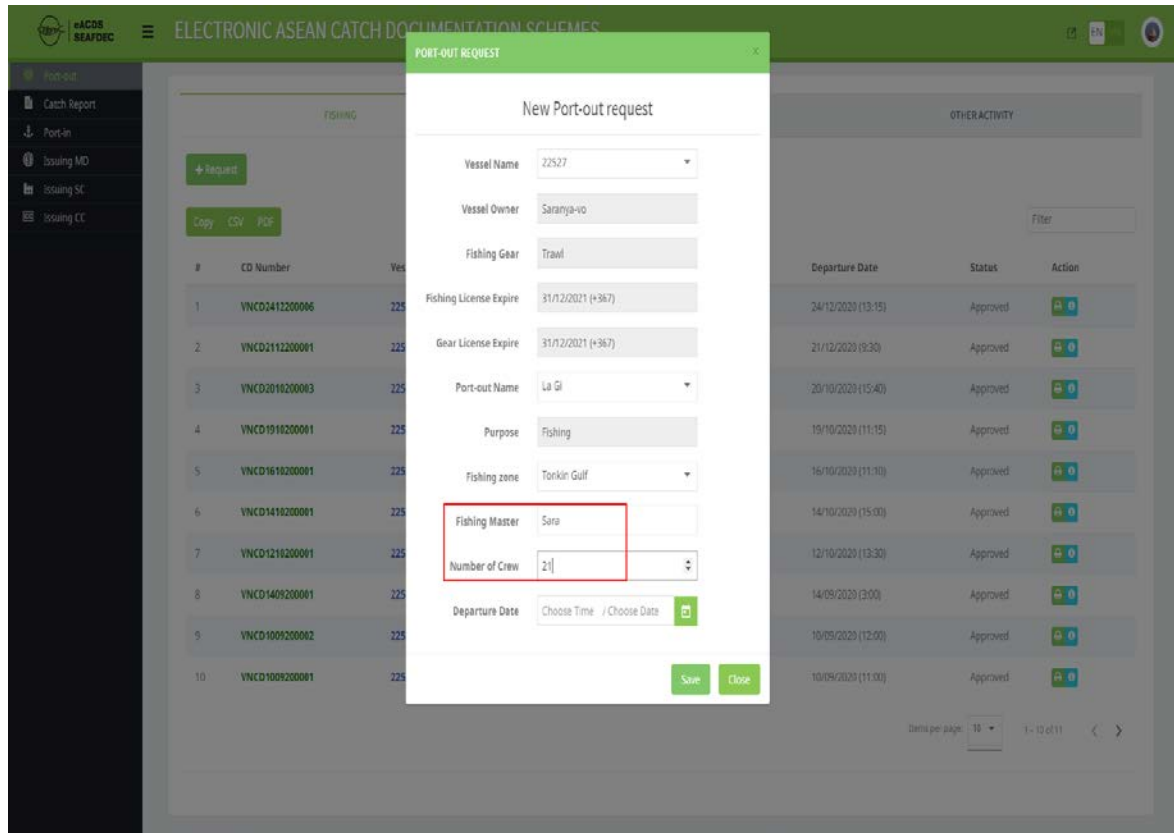


Figure 3-8: Input Fishing Master Name and Number of Crew

a)

b)

Figure 3-9: Input Time (a) and Date (b) for Port Out Request Using the Smart Tool

- After completion of all data/information inputs, click “Save”, the system will show the main port out page as shown in **Figure 3-10**. User can observe the name of fishing vessel that requested for port out on the list.

#	CD Number	Vessel Name	Port-out Name	Fishing zone	Departure Date	Status	Action
1		22527	La Gi	Tonkin Gulf	29/12/2020 (10:45)	Pending	[Action Icons]
2	VNCD2412200006	22527	La Gi	Tonkin Gulf	24/12/2020 (13:15)	Approved	[Action Icons]
3	VNCD2112200001	22527	La Gi	Tonkin Gulf	21/12/2020 (9:30)	Approved	[Action Icons]
4	VNCD2010200003	22527	La Gi	Tonkin Gulf	20/10/2020 (15:40)	Approved	[Action Icons]
5	VNCD1910200001	22527	La Gi	Tonkin Gulf	19/10/2020 (11:15)	Approved	[Action Icons]
6	VNCD1610200001	22527	La Gi	Tonkin Gulf	16/10/2020 (11:10)	Approved	[Action Icons]
7	VNCD1410200001	22527	La Gi	Tonkin Gulf	14/10/2020 (15:00)	Approved	[Action Icons]
8	VNCD1210200001	22527	La Gi	Tonkin Gulf	12/10/2020 (13:30)	Approved	[Action Icons]
9	VNCD1409200001	22527	La Gi	Tonkin Gulf	14/09/2020 (3:00)	Approved	[Action Icons]
10	VNCD1009200002	22527	La Gi	Tonkin Gulf	10/09/2020 (12:00)	Approved	[Action Icons]

Figure 3-10: List of Vessels Requested for Port Out and the Status of Port Out Permission

5. From **Figure 3-10**, the following data/information appeared in the port out page are as follows:
 - ✓ **CD Number:** this CD number will appear after the port authority accepted for port out only
 - ✓ **Vessel Name:** user can click on this data to see the detailed information of fishing vessel as shown in **Figure 3-11**
 - ✓ **Port-out Name:** the system shows name of port out
 - ✓ **Fishing zone:** the system shows name of fishing zone
 - ✓ **Departure Date:** the system shows date and time for port out request
 - ✓ **Status:** there are three (3) statuses for the port out request, namely 1) pending, 2) approved, and 3) denied
6. **Figure 3-11** shows the existing Key Data Element (KDEs) from the eACDS database that linked to the fishing vessel are as follows:

Vessel Name	Gear License Number	Vessel Depth
Registration Number	Gear License Expiry Date	Vessel Engine Name
Vessel Owner Name	Issued Date	Engine Power (hp)
Vessel Category	Type of Fishing Gear	Number of Crew
Vessel Type	Fishing Zone	Timeline of Fishing Vessel
Fishing License Number	Vessel Length	Task
Fishing License Expiry Date	Vessel Width	

7. The timeline of fishing vessel is recorded automatically in the system, where user can observe in each timeline, if user clicked on each timeline, the system will link to the catch documentation at that timeline such as in **Figure 3-12**.
8. Fishing table appeared in each timeline record can export to CSV or PDF format.
9. In addition, this catch documentation details from each timeline can printout to the CD form as appear in **Figure 3-13** and **Figure 3-14**.
10. The similar case, if user clicked on "TASK", the system will link each task to the specific CD occurred during the task activity as shown in **Figure 3-14**.

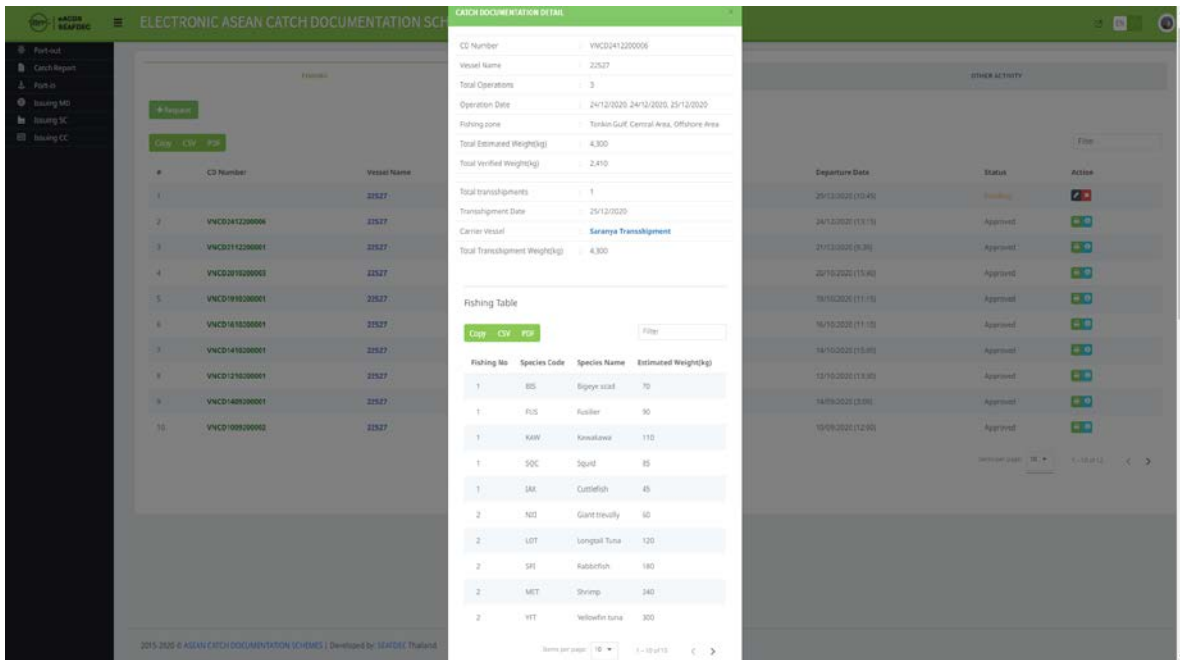


Figure 3-12: Detailed Information and Data of Fishing Vessel that has Completed the Past Fishing Trip were Recorded in this Timeline

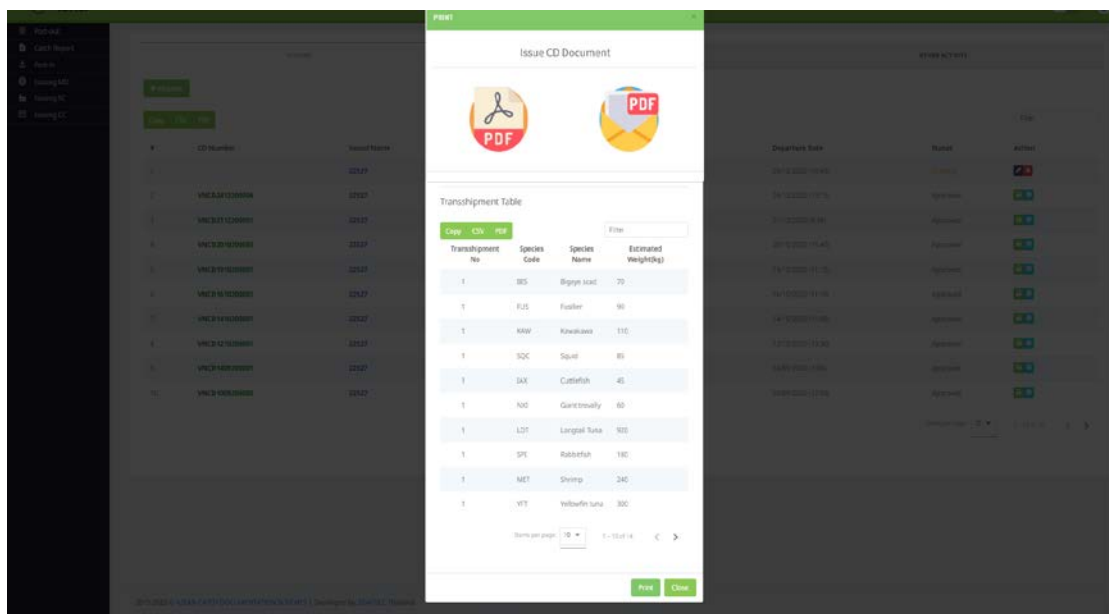


Figure 3-13: Print Out the Catch Declaration Form in PDF Format or Send via email in PDF Format

11. From **Figure 3-10**, user can click on “VESSEL OWNER” icon, then the system will show a user profile in detail, as **Figure 3-15**.
12. The user profile consists of 1) user information, 2) vessel owner information, and 3) vessel list, in the case there are more than one vessel belong to the same vessel owner.

CERTIFICATION OF INSPECTION AND OFFICIAL CONTROL OF FISHING ACTIVITIES

Department of Agricultural and Rural Development
Representative Office CD Number: VNCD2412200006

A CHECKING WHEN VESSEL DEPARTURE Departure Date: 24/12/2020

1. Vessel Name: 22527 Vessel Registration: 123456
 Vessel Owner: Saranya-vo Telephone Number: +84 28 3636 4189
 Address: Unit 4, 7th Floor, Standard Factory B, Tan Thuan Export Processing Zone, Tan Thuan Street

2. Fishing Port: La Gi Telephone Number: 0252 3845 674
 Address: 53 Ben Chuong Duong, Phuoc Loc, La Gi, Binh Thuan, VP 1729

3. Document Check:
 Vessel Registration Licenses Registration No.
 Certificates of Crew Members working on Fishing Vessels Marine Fishing Licenses
 Certificates of Technical Fishing Vessel Safety Fishing Logbook
 Certificates of Food Safety and Hygiene with Fishing Vessel above 90CV

4. Reality Check:
 • Checking Safety Equipment, Communication Equipment
 Lifesaving Equipment Communication Equipment Others: _____
 Signal Equipment Marine Equipment
 • Vessel Tracking Devices
 Yes/Name of Devices: _____ No
 • Checking Fishing Gear (Name of Fishing Gear): Trawl
 Trawl Hand Line/Long Line Purse Seine
 Squid Capture Gill Net Others: _____
 Mesh Size Complies with regulations
 • Number of Crewmembers: 20

Owner/Captain: _____ Signature Date: 24/12/2020
 Fisheries Representative Office at Port: _____ Signature Date: 24/12/2020

CD : VNCD2412200006 | Printed : 29/12/2020 | P.1/5

B CHECKING WHEN ARRIVAL CD Number: VNCD2412200006

Arrival Date: 28/12/2020

1. Fishing Port/Fishing Site: La Gi Telephone Number: 0252 3845 674
 Address: 53 Ben Chuong Duong, Phuoc Loc, La Gi, Binh Thuan, VP 1729

2. Catch Declaration:

Species Code	Catch Species	Estimated Weight(kg)	Verified Weight(kg)
LOT	Longtail Tuna	0	1,600
RAB	Chub mackerel		700
PIE	Indian Ilisha		60
ALM	Filefish		50
Total			2,410

Owner/Captain: _____ Signature Date: 28/12/2020
 Fisheries Representative Office at Port: _____ Signature Date: 28/12/2020

CD : VNCD2412200006 | Printed : 29/12/2020 | P.2/5

CATCH DECLARATION (CD) FOR TRANSSHIPMENT AT SEA
 (Department of Fisheries-Viet Nam)

PART 1 Port-Out Permission Sub CD Number: VNCD2412200006/01

Vessel Registration: 123456 Vessel Name: 22527
 Fishing License No: 456622 License Valid To: 31/12/2021
 Inmarsat Number: _____ Email Address: saranya@seafdec.org
 Telephone Number: +84 28 3636 4189 Fax Number: _____
 Fishing Gear: Trawl Fishing zone: Tonkin Gulf
 Port-out Name: La Gi Departure Date: 24/12/2020
 Fishing Master: mana Vessel Owner: Saranya-vo
 Address: Unit 4, 7th Floor, Standard Factory B, Tan Thuan Export Processing Zone, Tan Thuan Street
 District 7, HCM City, Vietnam

Validation Authority Approval: Department of Fisheries

 (Saranya-vo)
 Fishing Master / Authorized Person

 (Admin eACDS)
 Officer in Charge

PART 2 Port-in

In Progress

CD : VNCD2412200006 | Printed : 29/12/2020 | P.3/5

Figure 3-14: Print Out the Catch Declaration Form in PDF Format Based On the Timeline Activity Recorded in the eACDS System

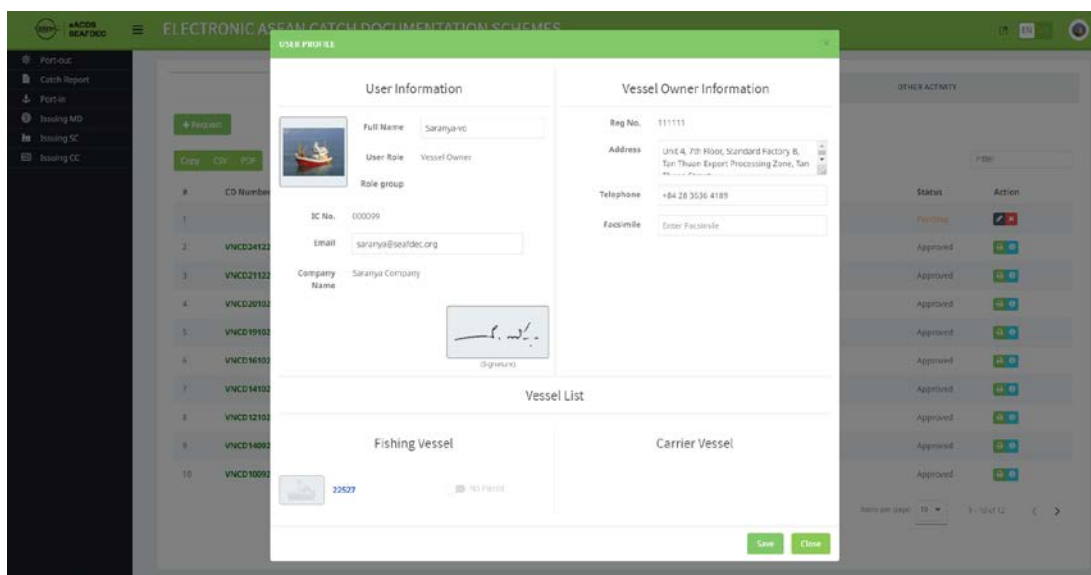



Figure 3-15: User Profile Page

13. The important point in this user profile is that user can pair or unpair the mobile phone to the selected fishing vessel.
14. “Mobile Paired” means the mobile device is linked to the selected fishing vessel. Regarding this, whenever user using the eACDS web application or mobile application, the system will send information or response to the paired mobile device.
15. In case of the port out request, the fishing master will receive a new task message from the system to use the eACDS Catch Report application in offline mode. However, if no alert message comes to a mobile device, the fishing master has to check the user profile and the pair mode before opening the eACDS Catch Report application.
16. From **Figure 3-10**, user can edit the required information for port out request whenever the status shows “**Pending**”. By clicking  the system will open the “Edit Port-out request” page for editing by user as shown in **Figure 3-16**.

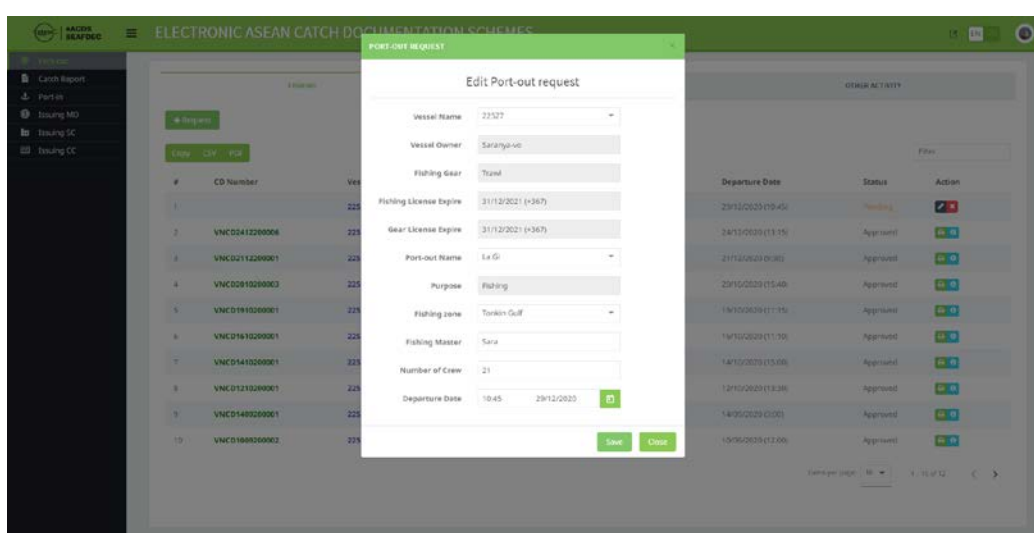


Figure 3-16: Editing the Port Out Request

17. After completed editing, user have to click “Save”, to end the request process.
18. But if user wanted to cancel the port out request, user has to click “✖” after that a new message from the system will ask user for confirm deleting (see **Figure 3-17**).
19. The next step, fishing master have to wait for port authority response (find more at **Chapter 3-1, Step 1-2**).

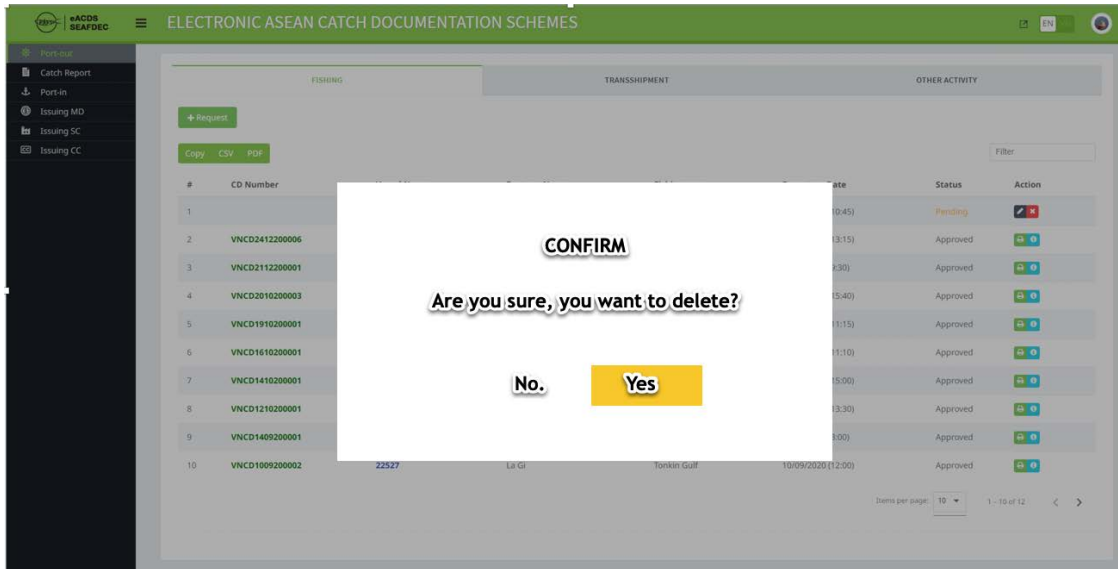


Figure 3-17: Confirmation Message for Deleting the Port Out Request

B) CONTACT AND REQUEST DIRECTLY TO PORT AUTHORITY

1. Fishing master contact and request directly to the port authority officer for port out. In this case, the port officer has to access the eACDS web application via URL of each country such as Viet Nam at <https://eacds.seafdec.org/vietnam>. The login page will appear as **Figure 3-18**.
2. Enter the email account and password by port officer, then the port out page will appear as **Figure 3-19**.

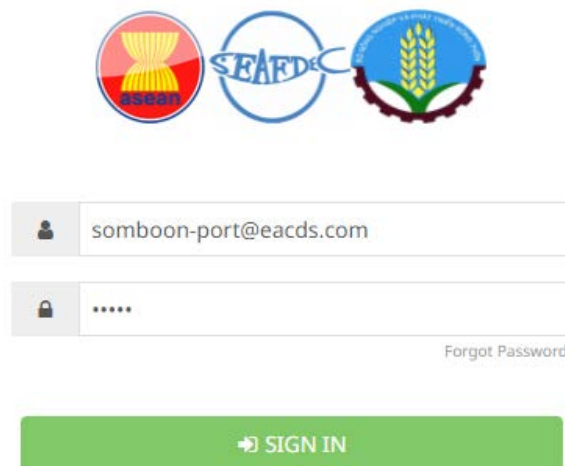


Figure 3-18: Login Page for Port Out Request, Operated by Port Officer

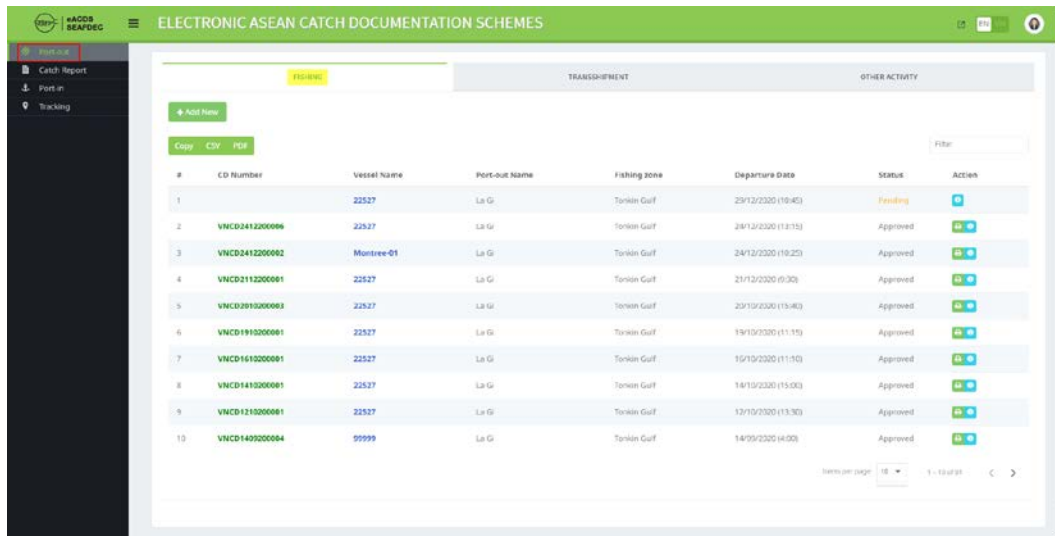


Figure 3-19: Port Out Page of the eACDS Web Application Access by Port Officer

- Before moving to a next step, user has to select the vessel activity menu as appeared on the top, in case user wanted to request port out for fishing activity, then select “FISHING” on the top menu.
- Next, click on “ + Add New ”, a new port out request form will appear, as shown in Figure 3-20.

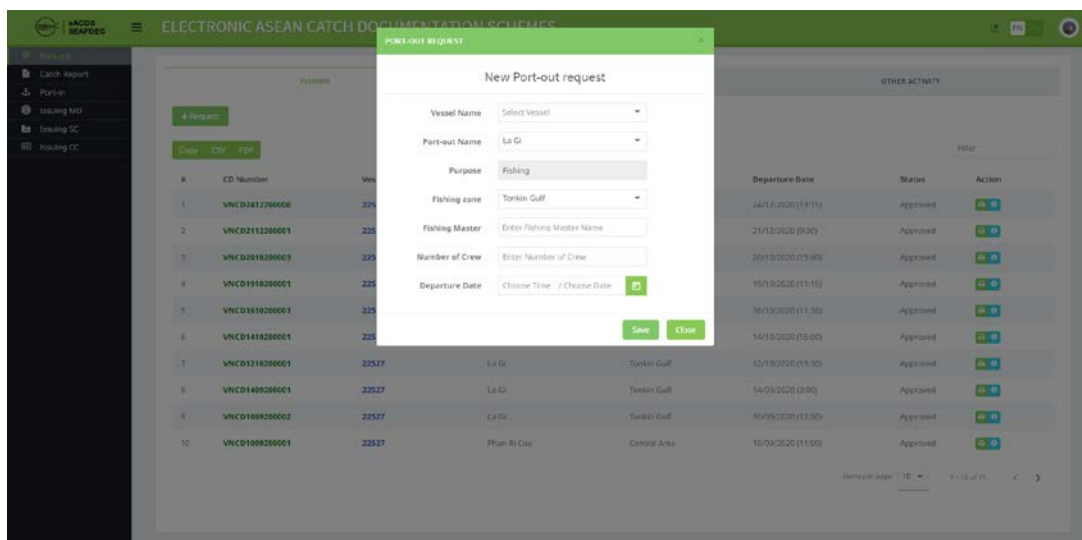


Figure 3-20: A New Port Out Request form Opened by Port Officer

- To fill all information requirements for port out request, user can refer to the same steps as mentioned in **Chapter 3-1, Step 1-1: Request for Port Out Permission by Fishing Master, A: Request via Online eACDS Web Application, Para 3 to 19.**
- After completing the request form, the main port out page will appear a list of fishing vessel in the pending status. Regarding this, port officer can continue examine the port out request and response the results to fishing master either approved or denied the request.
- The validation and port out permission is mentioned in **Chapter 3-1, Step 1-2.**

STEP 1-2: VALIDATION AND PERMISSION FOR PORT OUT

1. The validation and permission for port out request from fishing vessels, transshipment vessels, and other vessels are the main duty of the port authority. In principle, the port officers will validate the port out request from those vessels or vessel owners through the eACDS web application. Port officer will check the validation of fishing gear license, vessel registration/license and other key data elements depended upon the country's requirements. Port officer will decide whether to approve or deny the port out request.
2. The following steps are the process that the port officer will take actions via online eACDS web application.
3. Port officer access to the eACDS web application via URL of each country such as Viet Nam at <https://eacds.seafdec.org/vietnam> then the login page will appear as **Figure 3-21**.

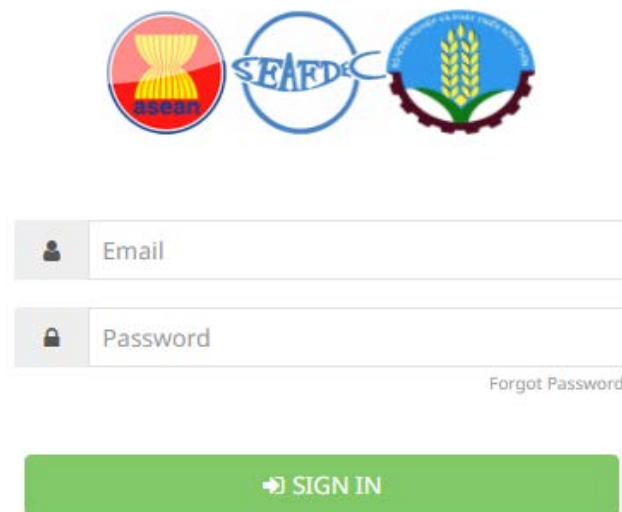



Figure 3-21: Login Page of the eACDS Web Application

4. Port officer enters the user account and password, then click “SIGN IN” to access to the system as shown in **Figure 3-22**.
5. Port officer can observe the list of vessels under the “Port-Out” menu then select the top menus whether “FISHING”, “TRANSSHIPMENT” or “OTHER ACTIVITY”. In addition, port officer has to check the list in which showing “**Pending**” status.
6. From **Figure 3-22**, there is one “**Pending**” status fishing vessel, then click on “” to see more details of the port out request form as shown in **Figure 3-23** for further decision either to approve or deny the request.
7. There are three (3) buttons at the bottom of the port out request form as shown in **Figure 3-23**. If port officer “Approved” for port out request, a selected fishing vessel status will be changed from “**Pending**” to “**Approved**” as shown in **Figure 3-24**.

#	CD Number	Vessel Name	Port-out Name	Fishing zone	Departure Date	Status	Action
1		99999	La Gi	Tonkin Gulf	17/01/2021 (5:20)	Pending	[Action]
2	VNCD0501210001	99999	La Gi	Tonkin Gulf	05/01/2021 (15:30)	Approved	[Action]
3	VNCD2912200001	22527	La Gi	Tonkin Gulf	29/12/2020 (10:45)	Approved	[Action]
4		22527	La Gi	Tonkin Gulf	29/12/2020 (10:45)	Denied	[Action]
5	VNCD2412200006	22527	La Gi	Tonkin Gulf	24/12/2020 (13:15)	Approved	[Action]
6	VNCD2412200002	Montree-01	La Gi	Tonkin Gulf	24/12/2020 (10:25)	Approved	[Action]
7	VNCD2112200001	22527	La Gi	Tonkin Gulf	21/12/2020 (9:30)	Approved	[Action]
8	VNCD2010200003	22527	La Gi	Tonkin Gulf	20/10/2020 (15:40)	Approved	[Action]
9	VNCD1910200001	22527	La Gi	Tonkin Gulf	19/10/2020 (11:15)	Approved	[Action]
10	VNCD1610200001	22527	La Gi	Tonkin Gulf	16/10/2020 (11:10)	Approved	[Action]

Figure 3-22: Port Out Page of the eACDS Web Application Opened by Port Officer

PORT-OUT REQUEST

Port-out request Detail

Vessel Name : 99999

Vessel Owner : Somboon Vessel

Fishing Gear : Long Line

Vessel Type : FG

Vessel Weight (GT.) : 6

Fishing License Expire : 31/12/2021 (+348)

Gear License Expire : 31/12/2021 (+348)

Port-out Name : La Gi

Purpose : Fishing

Fishing zone : Tonkin Gulf

Fishing Master : Somboon

Number of Crew : 8

Departure Date : 17/01/2021 (5:20)

Approve Deny Close

Figure 3-23: Detailed Information for the Port Out Request Form





















#	CD Number	Vessel Name	Port-out Name	Fishing zone	Departure Date	Status	Action
1	VNCD1601210001	99999	La Gi	Tonkin Gulf	17/01/2021 (5:20)	Approved	 
2	VNCD0501210001	99999	La Gi	Tonkin Gulf	05/01/2021 (15:30)	Approved	 
3	VNCD2912200001	22527	La Gi	Tonkin Gulf	29/12/2020 (10:45)	Approved	 
4		22527	La Gi	Tonkin Gulf	29/12/2020 (10:45)	Denied	
5	VNCD2412200006	22527	La Gi	Tonkin Gulf	24/12/2020 (13:15)	Approved	 
6	VNCD2412200002	Montree-01	La Gi	Tonkin Gulf	24/12/2020 (10:25)	Approved	 
7	VNCD2112200001	22527	La Gi	Tonkin Gulf	21/12/2020 (9:30)	Approved	 
8	VNCD2010200003	22527	La Gi	Tonkin Gulf	20/10/2020 (15:40)	Approved	 
9	VNCD1910200001	22527	La Gi	Tonkin Gulf	19/10/2020 (11:15)	Approved	 
10	VNCD1610200001	22527	La Gi	Tonkin Gulf	16/10/2020 (11:10)	Approved	 

Figure 3-24: Fishing Vessel “99999” Received Approval Status for Port Out

- Port officer can send an initial Catch Declaration (CD) to the vessel owner or fishing master by click on “”, the system will generate the Initial CD in PDF format for printing or sending via the recipient email address as shown in **Figure 3-25**.

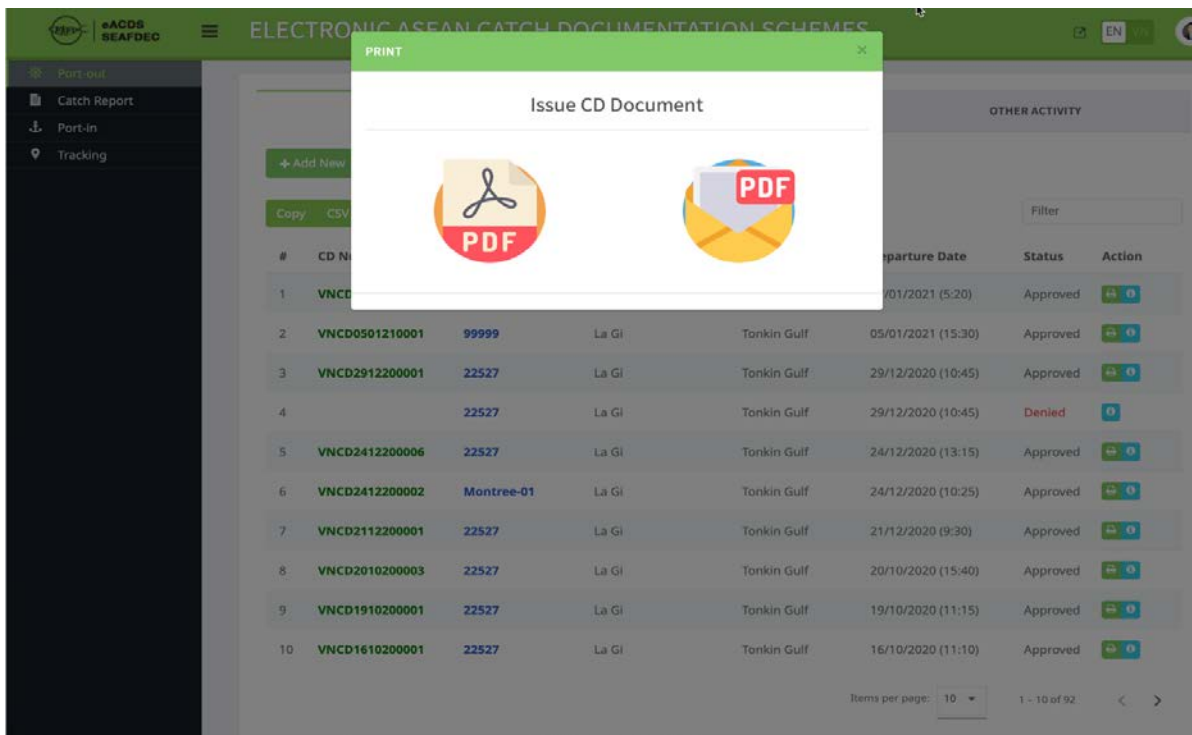


Figure 3-25: Initial Catch Declaration for Fishing Master as Reference for Port Out

9. In case of port officer **deny** the port out request, generally because of expiration of the fishing license, vessel license, or other reasons. Port officer has to provide a reason for deny as shown in **Figure 3-26, Figure 3-27, and Figure 3-28.**
10. After completion of the validation for port out request by port officer, the system will generate message and sent out to the paired mobile phone of the vessel owner or fishing master. This is crucial step, that fishing master has to take action, before sailing their vessel to the sea (see **Chapter 3-1, Step 1-2).**

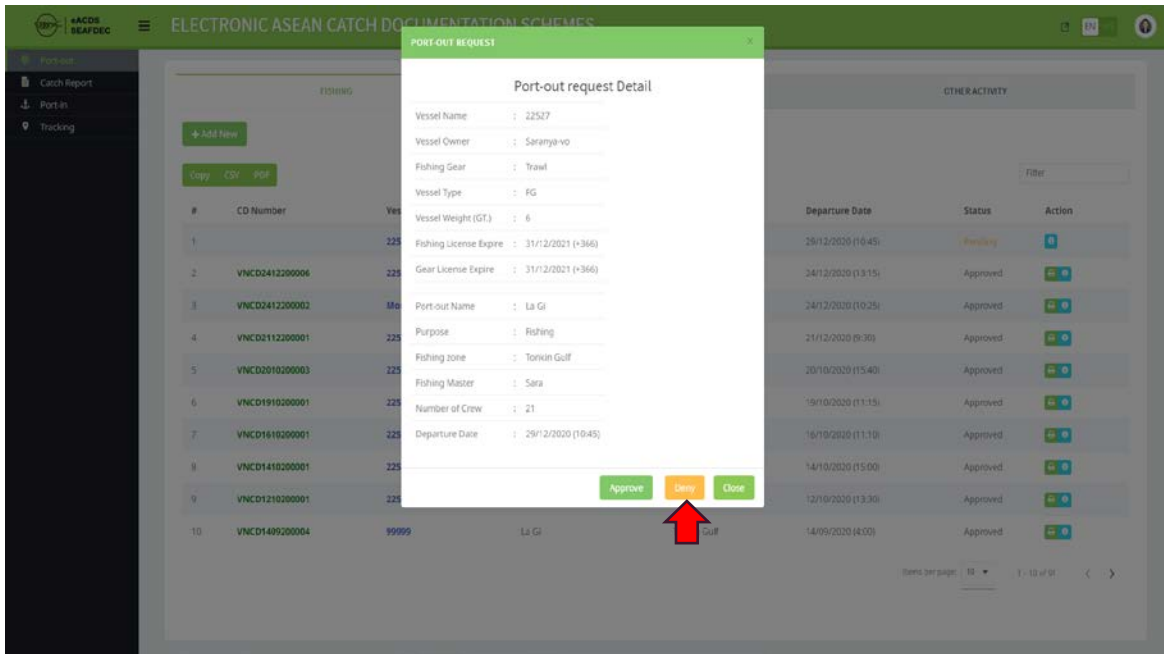


Figure 3-26: Port Officer Deny the Port Out Request

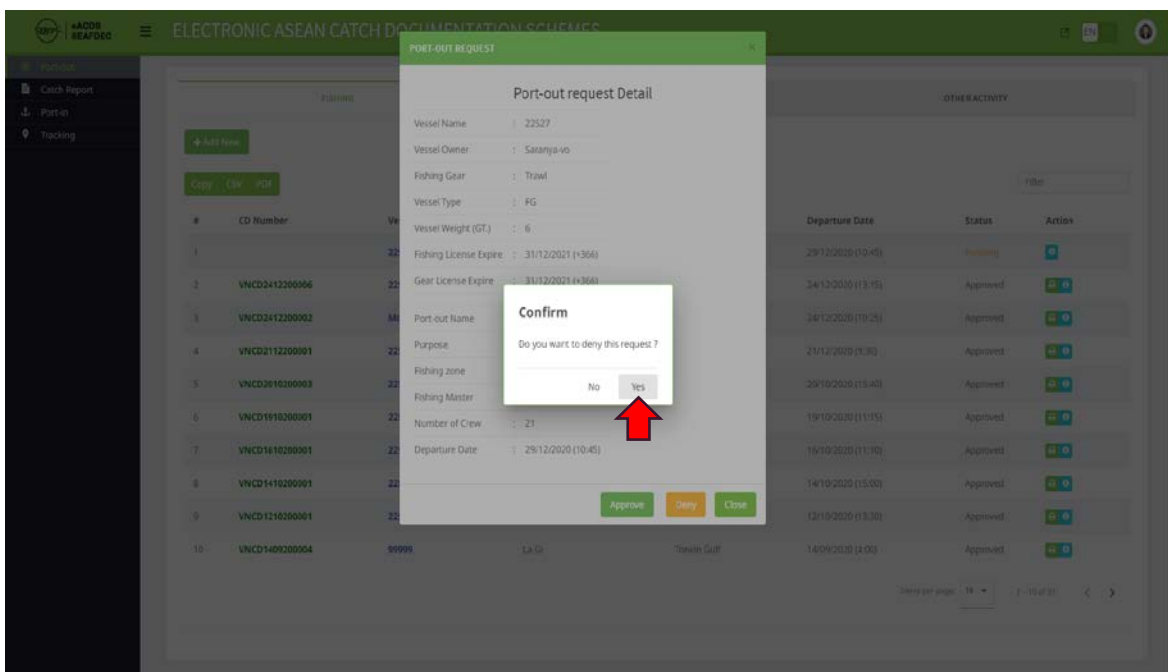


Figure 3-27: Port Officer Confirm to Deny for the Port Out Request

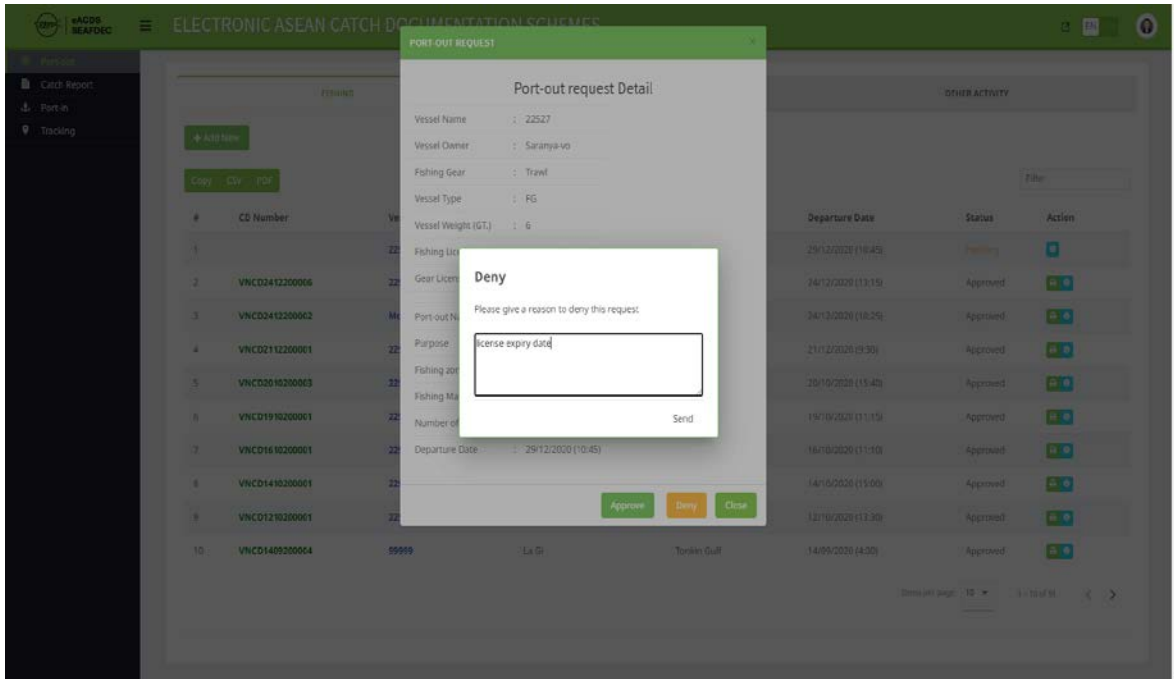


Figure 3-28: Port Officer Provide Reasons for Deny the Port Out Request

PINPOINT

- ❖ After the request for port out approved, the system will create two (2) messages and send it to the fishing master mobile devices.
 - ✓ The first message informs that **“You have new task”** for port out activity
 - ✓ The second message when he login to the eACDS Catch Report application This message requires **“ACCEPT”** from the user to create a new task on the mobile application
- ❖ After fishing master **accepted** for a new task, the mobile Catch Report application installed on mobile device can function on the new task even though no internet during fishing at sea. In other words, this is the process of how **offline mode** for eACDS catch report work.
- ❖ **In case**, fishing master did not response the message from system before sailing out to the sea where no internet. Fishing master will not able to access and use the eACDS Catch Report application until the internet is available.
- ❖ See more details in **Chapter 3-1, Step 1-3.**

STEP 1-3: OPEN A NEW TASK AND TURN ON THE OFFLINE MODE

1. After the port authority approved the request for port out, fishing master will receive an SMS message to his mobile device, as shown in **Figure 3-29**.

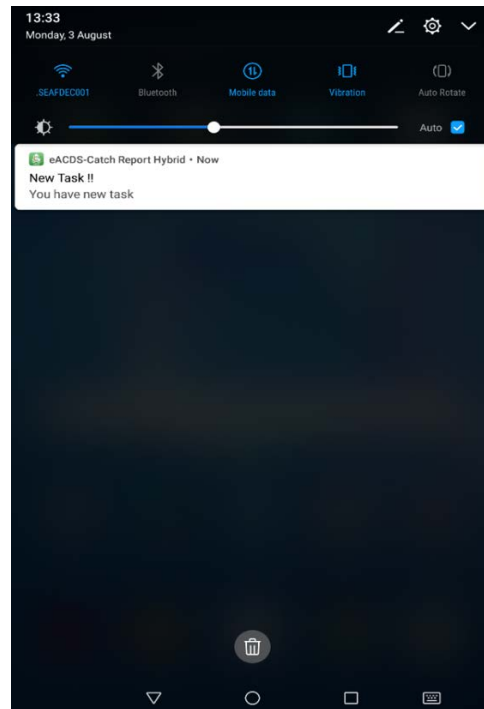


Figure 3-29: Message to Fishing Master Mobile Devices on a New Task for Port Out

2. Fishing master has to open the “eACDS Catch-Report Hybrid” on mobile device. If the fishing master does not have eACDS-Catch Report Hybrid on mobile device(s), please refers to the installation process appeared in the **User’s Manual of eACDS Part 1: Introduction, Chapter 3-2**.
3. Open the eACDS-Catch Report Hybrid, later called “eACDS-Catch Report application” on the mobile phone, and login using the user account and password given by port authority. The steps for opening the eACDS-Catch Report application are shown in **Figure 3-30, Figure 3-31, Figure 3-32, Figure 3-33, and Figure 3-34**.
4. Select a fishing vessel for port out, as shown in **Figure 3-35**. From the figure, fishing vessel owner has only one fishing vessel.
5. The eACDS-Catch Report application will receive a new message alert, “New Task” for port out, as shown in **Figure 3-36**.
6. Fishing master has to “ACCEPT,” a new task for port out will become active and shown on the main menu of eACDS-Catch Report application, as appear in **Figure 3-37**.
7. **Figure 3-37** shows the main page of the eACDS-Catch Report application that ready to use in offline mode at sea. The name of fishing vessel “22527” and CD number are appeared on the top meaning that the mobile device is paired to this vessel.



Figure 3-30: Open by Click on the Icon of eACDS-Catch Report Hybrid

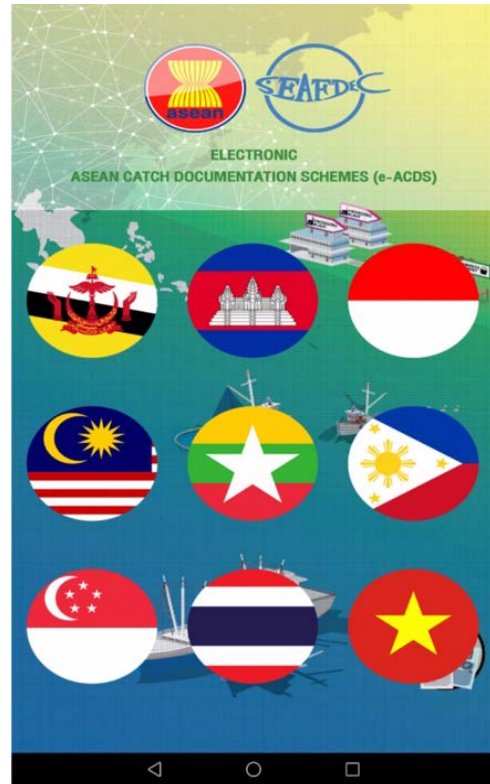


Figure 3-31: Select the Country Flag of eACDS System



Figure 3-32: Introduction Page of the eACDS-Catch Report Application

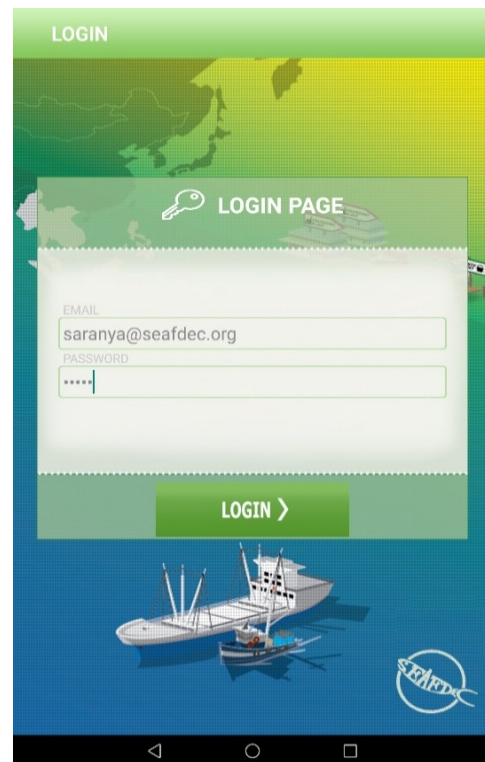


Figure 3-33: Login Page of the eACDS-Catch Report Application

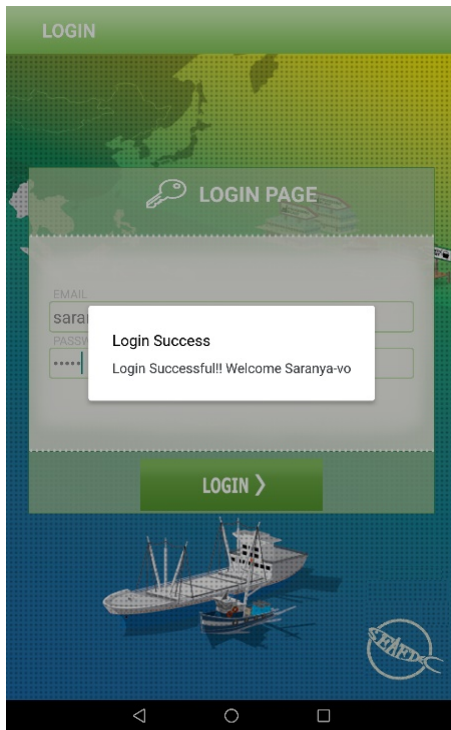


Figure 3-34: Login Page for eACDS-Catch Report

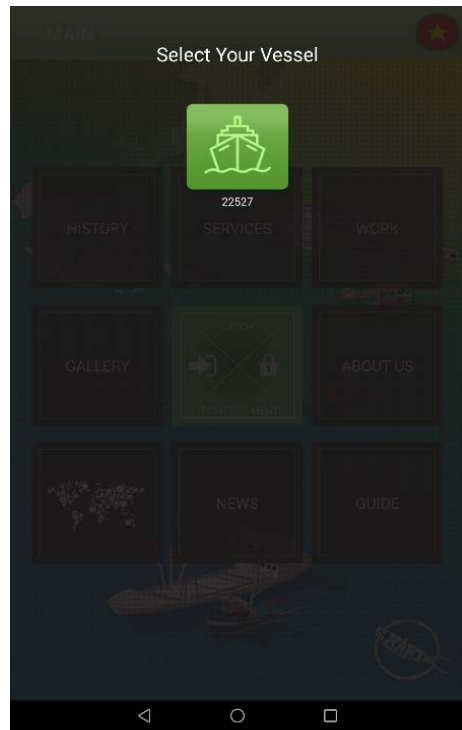


Figure 3-35: Select One of the Vessel List for Port Out

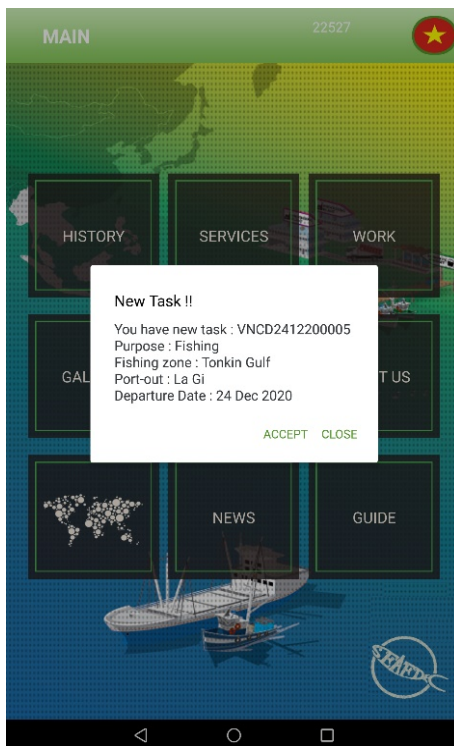


Figure 3-36: Message of "New Task" for Port Out

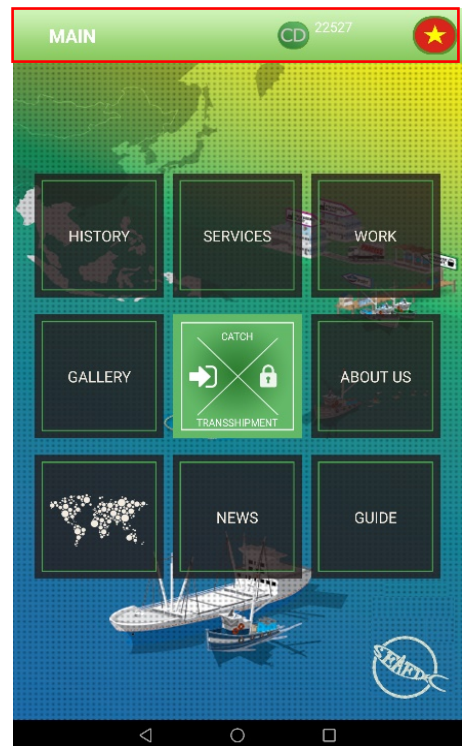




Figure 3-37: eACDS-Catch Report Application is Ready to Use for Offline Mode at Sea

CHAPTER 3-2: CATCH REPORTING AT SEA

STEP 2-1: IN CASE OF ONLY ONE FISHING OPERATION

1. To start recording the 1st fishing operation, fishing master click open the eACDS-Catch Report application on mobile device, following the steps mentioned in **Figure 3-30 to Figure 3-33**.
2. The main menu of the eACDS-Catch Report application will appear, as shown in **Figure 3-37**.
3. Click at the center “”, this “**CATCH/TRANSSHIPMENT**” icon is for entering to catch reporting or transshipment reporting depending on the user’s status. A catch reporting page for fishing operation no. 1 will appear as **Figure 3-38**.
4. Fill required information for fishing operation no. 1: such as
 - ❖ **FISHING ZONE**: by selecting a fishing zone from a pop up list (**Figure 3-39**), then
 - ❖ **STARTING POINT AND DATE**: by select the position icon , the present of latitude and longitude, as well as the date and time, will appear automatically (**Figure 3-40**)
5. In the case of fishing, operation spends for a long time, and the data/information inputs have to wait until the completion of the fishing operation no. 1. In this case, the fishing master can select “**RECORD**” that means to stop for temporary and wait until hauling of the fishing operation no.1. The catch reporting will show in the “**HISTORY**” main menu, as shown in **Figure 3-41**.

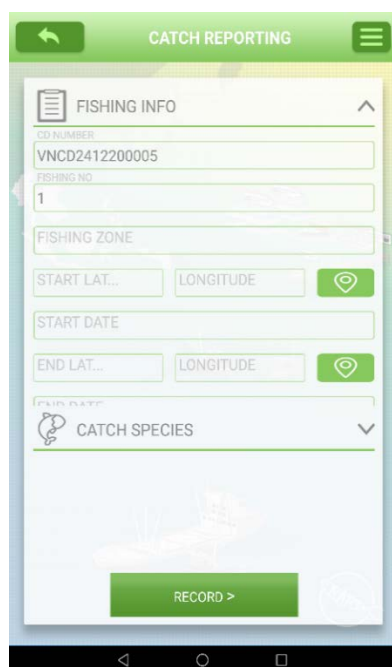


Figure 3-38: Catch Reporting Page

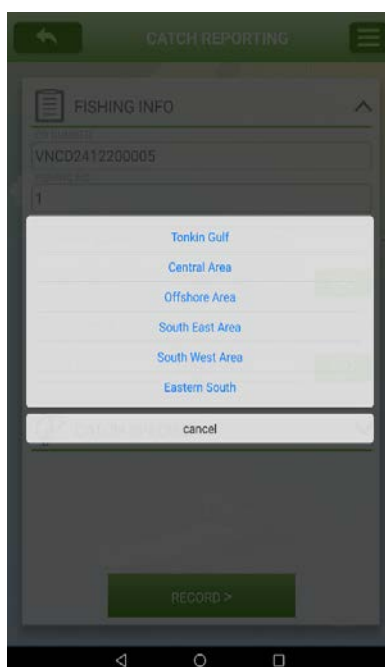


Figure 3-39: Pop Up List of Fishing Zone

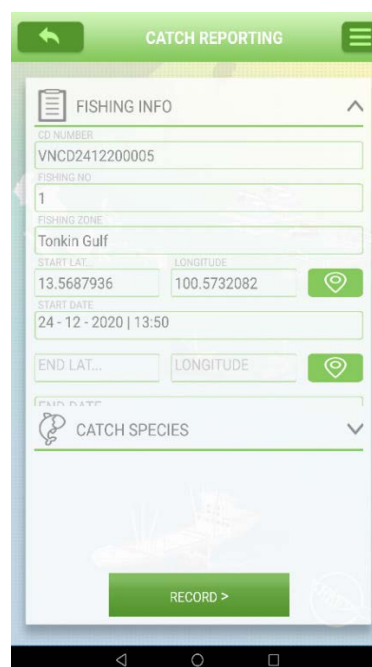


Figure 3-40: Data Inputs for Fishing Operation

6. After hauling fishing operation no. 1, the next step is to record as follows continuously:


- ❖ Select the **“HISTORY”** on the main menu as shown in **Figure 3-42**
- ❖ Click on **“RECORD”** of fishing operation no. 1 (status **“Incomplete”**), and then a new window will appear, as shown in **Figure 3-43**
- ❖ From this step, the fishing master has to select **“EDIT”** icon to move back to the **“CATCH REPORTING”** page for continued recording, as shown in **Figure 3-44**
- ❖ **ENDING POINT** and **DATE**: by select the position icon “

Figure 3-41: Main Menu of the eACDS-Catch Report Application

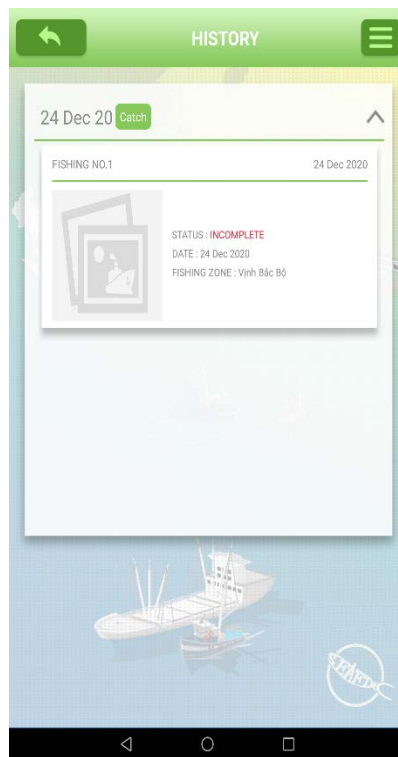


Figure 3-42: History of the Catch Record for Operation No. 1 (INCOMPLETE Status)

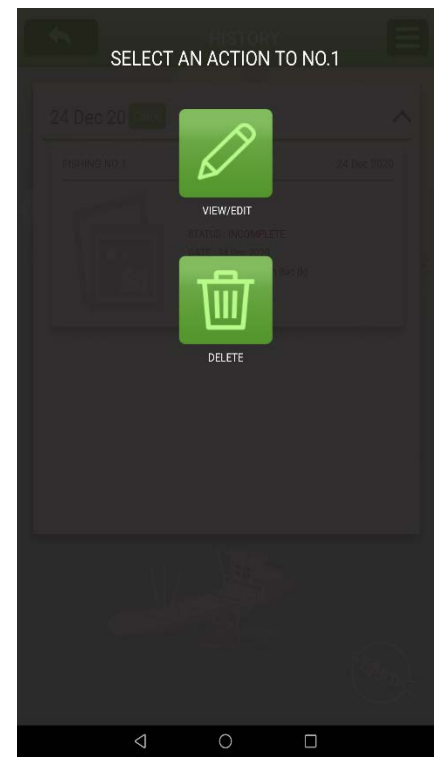


Figure 3-43: Continued Catch Report by Click VIEW/EDIT Icon

7. Select the catch by species, as shown in the pop up list, as shown in **Figure 3-47** and **Figure 3-48a**.
8. In the case of discard, if the fishing master did, such as discard of jellyfish, the fishing master has to record the amount and species (if appropriate) of **“DISCARD”** together, as shown in **Figure 3-48b**.
9. From **Figure 3-48a** or **Figure 3-48b**, after completion of the fishing operation and no other activity, click **“RECORD”** the new window will appear as **Figure 3-49**.

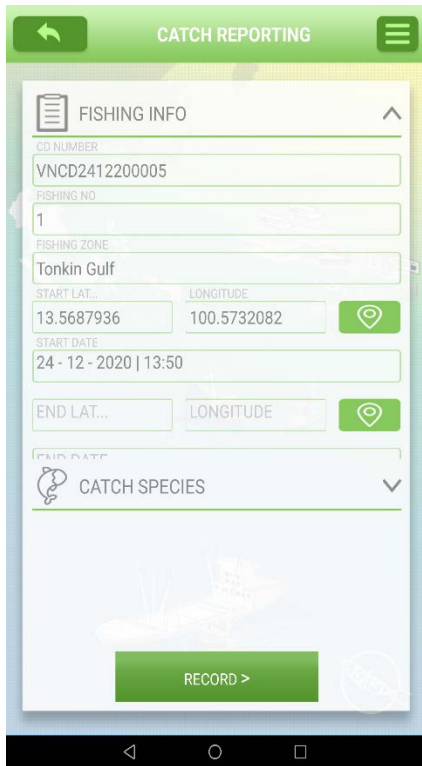


Figure 3-44: Catch Reporting Page for Continued Recording

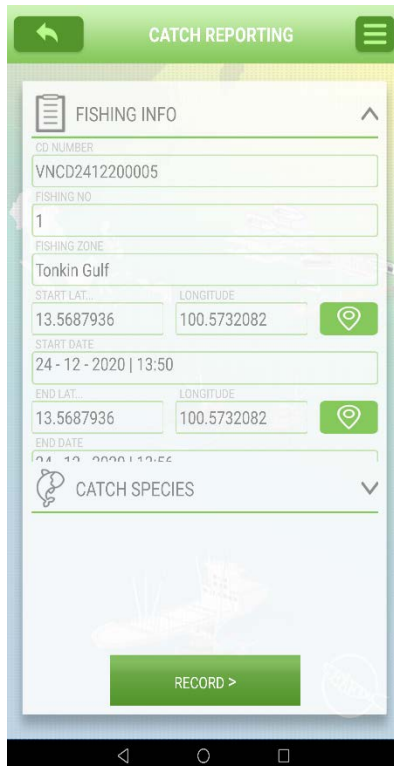


Figure 3-45: Record the End Position of Fishing Operation No. 1



Figure 3-46: Catch/Weight Recording Page



Figure 3-47: List of Species



Figure 3-48a: Record the Species and Estimate Weight

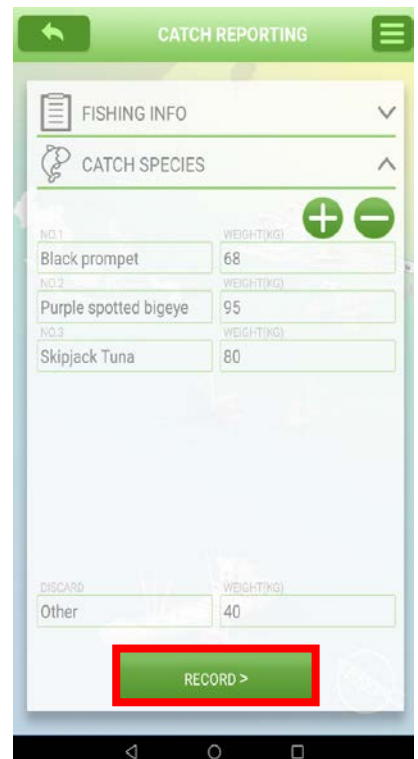


Figure 3-48b: Record the Discard and Estimate Weight

10. From this step, if there is no other fishing operation, then the fishing master can end the catch reporting by click **“YES”** to confirm as appear in **Figure 3-49**.

11. A new message will appear, as shown in **Figure 3-50** for a few seconds, then change to the **“HISTORY”** menu on the main page of the eACDS-Catch Report application, as appear in **Figure 3-51**.

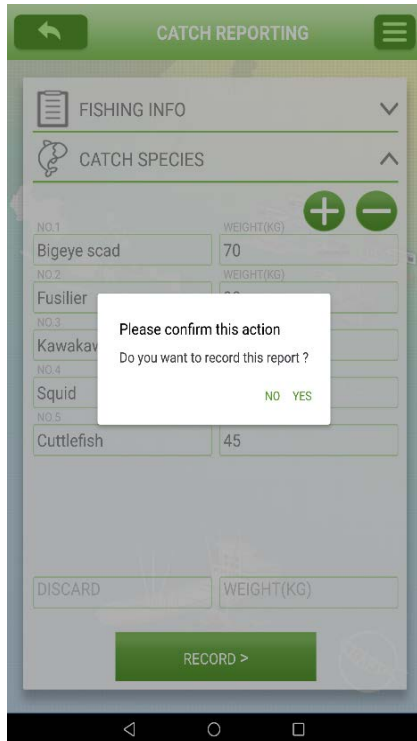


Figure 3-49: Message Asked for Confirmation on the End of the Catch Report

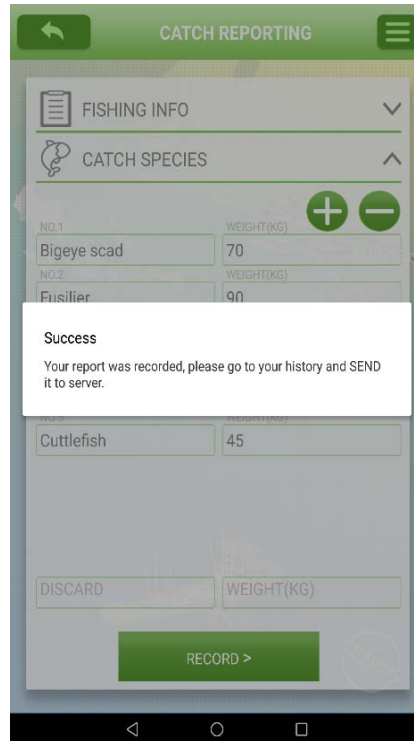


Figure 3-50: Success Message: the Catch Report Stored in the Mobile Device

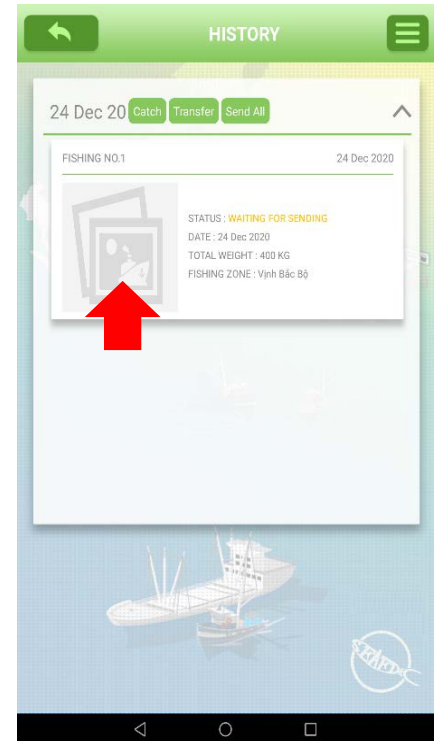


Figure 3-51: Catch Report is Stored in “HISTORY” for Further Transfer or Send to the eACDS Server

12. Look at the **“HISTORY”** page as shown in **Figure 3-51**, this page shows the catch record for fishing operation no. 1, shows the status **“WAITING FOR SENDING”**.

13. In addition, fishing master can capture a photograph of activity or fish(s) by click on the **“PHOTO”** icon appear in **Figure 3-51**.

14. From **Figure 3-51**, on top menus, there are three (3) buttons/menus, namely:

Catch	Select this tap, the summary of catch species for each fishing operation/record will appear	See Figure 3-52
Transfer	Select this tap for transshipment at sea (option)	See Figure 3-53
Send All	Select this tap for sending all catch data to server	See Figure 3-54

15. From **Figure 3-54**, whenever fishing vessel could receive internet signal, click on **“SEND TO SERVER”** icon, and click **“SEND ALL”** in the following **Figure 3-55**. Fishing master will receive a confirmation message for **“SEND ALL”**, just click **“YES”** (see **Figure 3-56**). And in history, fishing master will find that catch report was sent to the eACDS server system as shown in **Figure 3-57**.



Figure 3-52: Catch Record Information

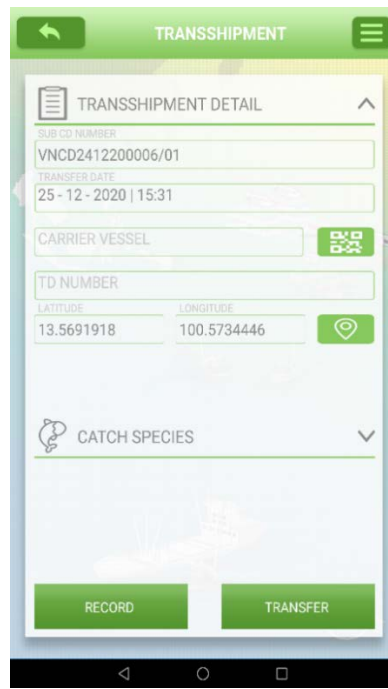


Figure 3-53: Transshipment Page

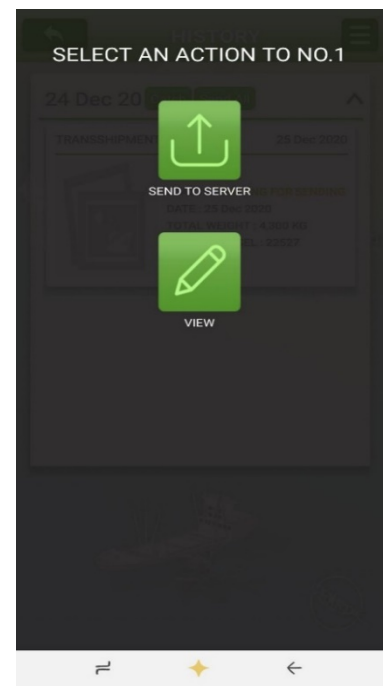


Figure 3-54: Action Menu for Sending Data to Server



Figure 3-55: Preview the Catch Data Before Sending

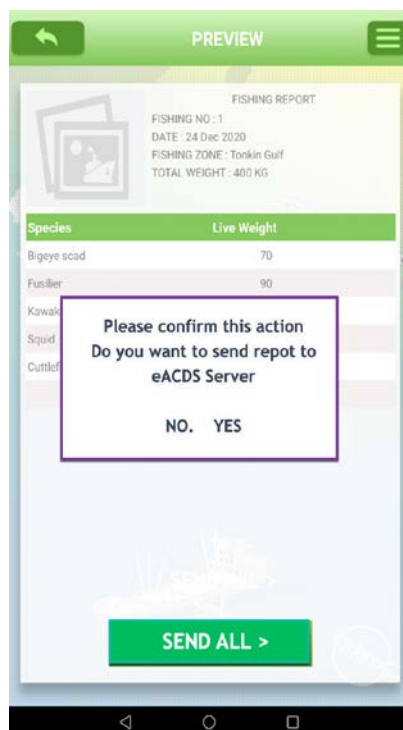


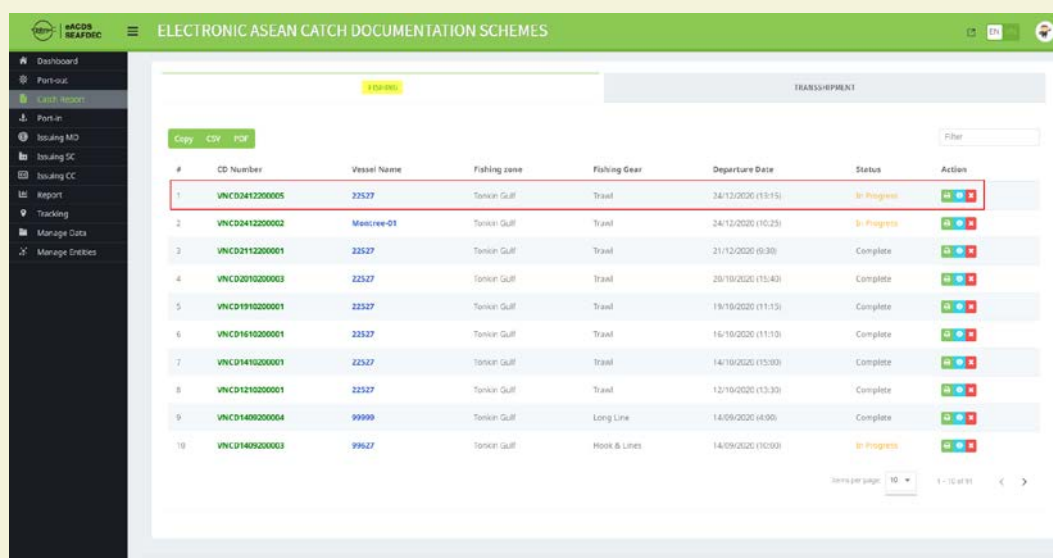
Figure 3-56: Confirm the “SEND ALL”



Figure 3-57: The Status “SENT” in History

PINPOINT

- ✓ From **Figure 3-51**, if selected “**Transfer**,” please refer to the **User’s Manual for PART 6: Transshipment at Sea**
- ✓ If selected “**Send All**,” the user requires the internet to send catch records from mobile devices to the eACDS server
- ✓ After the catch record from mobile device was sent to the server system, port authority can check data from the eACDS web application. Regarding this on the screen of catch report menu, a fishing vessel name “22527” will appear in the status “**In Progress**” as shown below:



#	CD Number	Vessel Name	Fishing zone	Fishing Gear	Departure Date	Status	Action
1	VNCO0412200005	22527	Tonkin Gulf	Trawl	24/12/2020 (13:15)	In Progress	
2	VNCO0412200002	Messree-01	Tonkin Gulf	Trawl	24/12/2020 (10:23)	In Progress	
3	VNCO0112200001	22527	Tonkin Gulf	Trawl	21/12/2020 (6:30)	Complete	
4	VNCO0102000003	22527	Tonkin Gulf	Trawl	20/10/2020 (13:43)	Complete	
5	VNCO1910200001	22527	Tonkin Gulf	Trawl	19/10/2020 (11:15)	Complete	
6	VNCO1610200001	22527	Tonkin Gulf	Trawl	16/10/2020 (11:12)	Complete	
7	VNCO1410200001	22527	Tonkin Gulf	Trawl	14/10/2020 (13:00)	Complete	
8	VNCO1210200001	22527	Tonkin Gulf	Trawl	12/10/2020 (13:33)	Complete	
9	VNCO1406200004	99999	Tonkin Gulf	Long Line	14/06/2020 (4:00)	Complete	
10	VNCO1406200003	99627	Tonkin Gulf	Hook & Lines	14/06/2020 (10:00)	In Progress	

STEP 2-2: IN CASE OF MORE THAN ONE FISHING OPERATIONS


1. Open the “eACDS-Catch Report Hybrid” later called “eACDS-Catch Report Application” on the mobile phone, and login using the user account and password given by port authority. The steps for opening the eACDS-Catch Report application are shown in **Figure 3-58**, **Figure 3-59**, and **Figure 3-60**.
2. After login successfully, select a port out targeted vessel from the list as shown in **Figure 3-61**.
3. Click on the targeted vessel, an alert message “**New Task**” for the CD unique number will appear on the screen as shown in **Figure 3-62**. Fishing master has to “**ACCEPT**” this new task to move to the main page of the eACDS-Catch Report application as shown in **Figure 3-63**.
4. To start recording of catch from fishing operation, click at the center “”, This icon for entering to catch reporting and transshipment reporting. After clicked the icon, the “**CATCH REPORTING**” page for fishing operation no. 1 will appear as shown in **Figure 3-64**.



Figure 3-58: 1st Page of eACDS-Catch Report Application

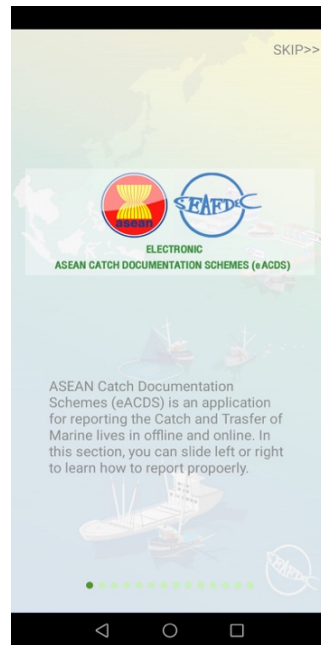


Figure 3-59: Introduction Page of eACDS-Catch Report Application

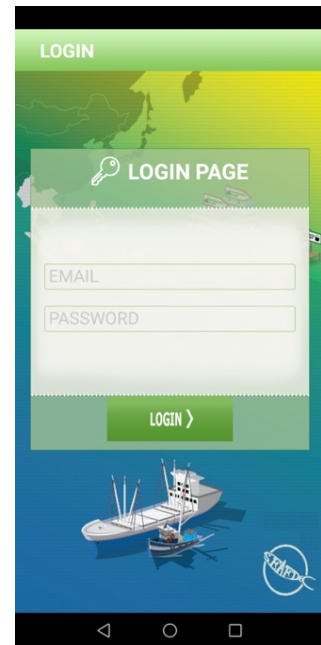


Figure 3-60: Login Page of eACDS-Catch Report Application

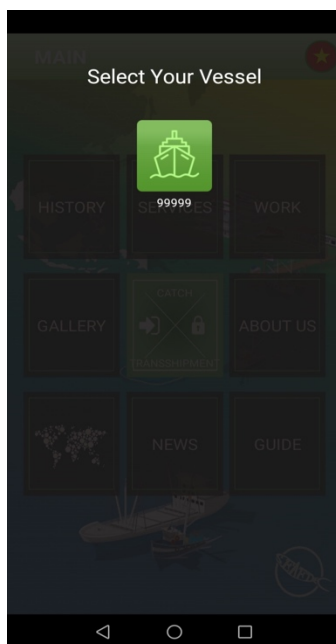


Figure 3-61: Fishing Master Vessel(s) will Appear for Selection

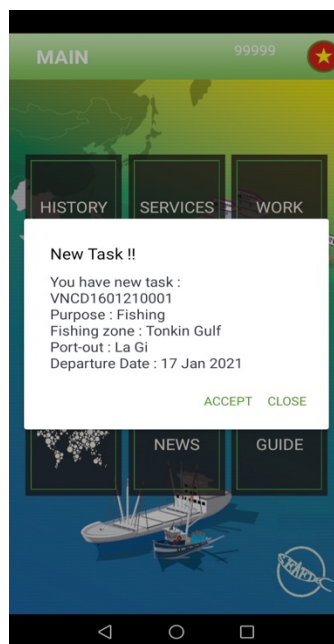


Figure 3-62: A New Task Message will Alert for Acceptance for Port Out

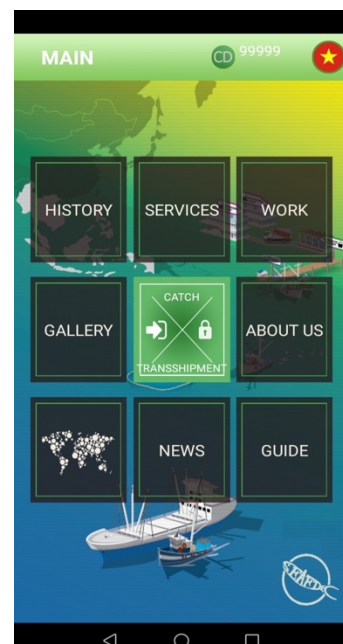


Figure 3-63: Main Page of the eACDS-Catch Report Application

- From **Figure 3-64**, fishing master has to record all required information of the fishing operation no. 1, such as fishing zone, started position and date/time, and the ended position and date/time. In general of fishing operation, it may take 1-4 hours, accordingly fishing master can temporally record the available information at the started position by click on **"RECORD"** a message from the system will show as **Figure 3-65** and **Figure 3-66** before the system move to the **"HISTORY"** page as shown in **Figure 3-67**.

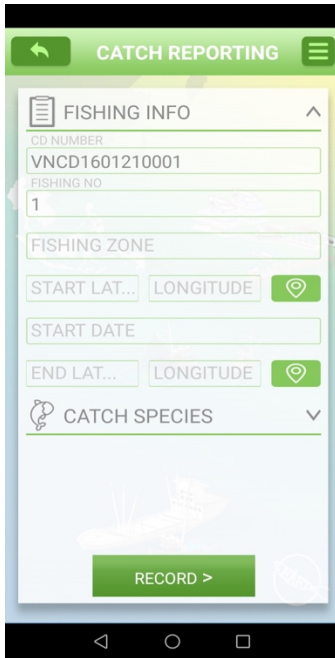


Figure 3-64: Catch Reporting Page

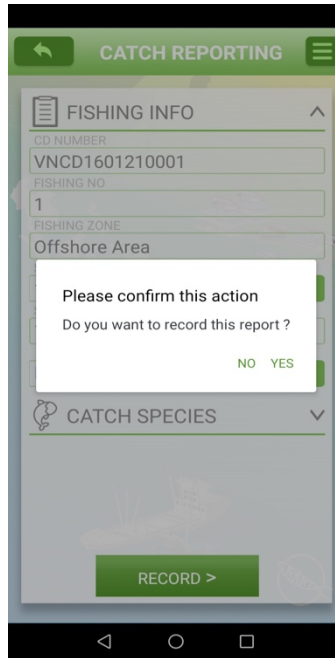


Figure 3-65: After Input Data for Fishing Operation No. 1, to the Form and Click "RECORD"

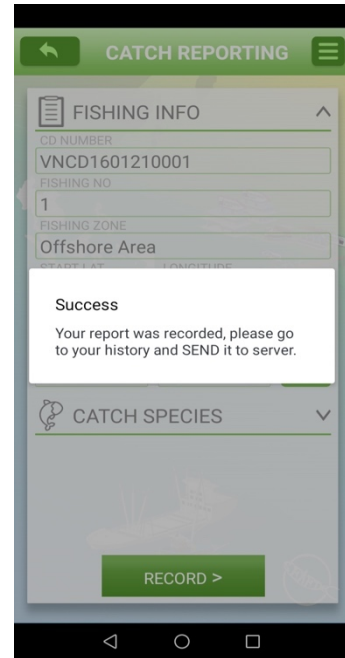


Figure 3-66: Success Message for Recording Data in Mobile Device

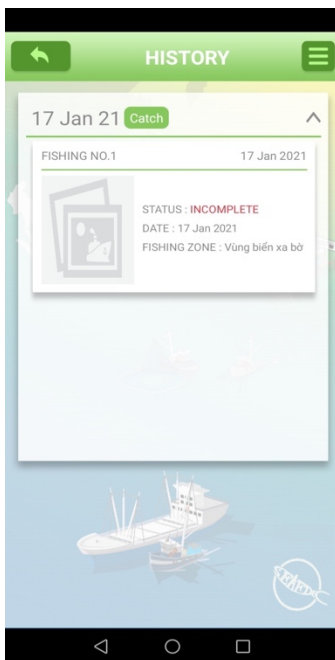


Figure 3-67: History Page Shows INCOMPLETE Catch Recoding

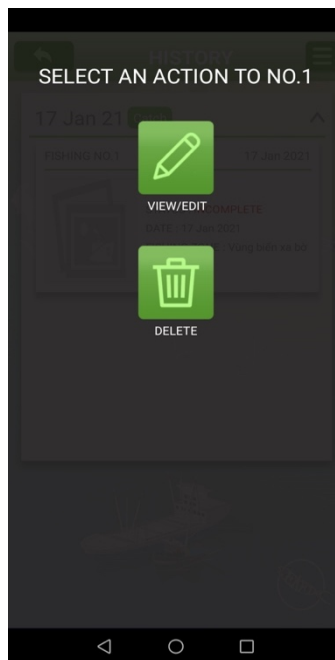


Figure 3-68: View, Edit, or Delete the Incomplete Catch Recording

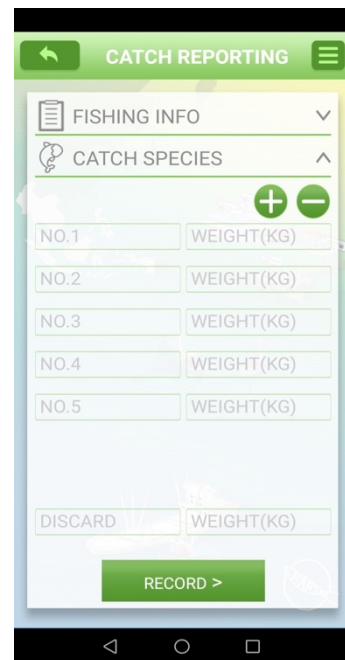


Figure 3-69: Continued the Catch Reporting Page

- At **Figure 3-67**, the catch reporting is in the status **"INCOMPLETE"**, to continue recording the catch information: click on screen of this message, the system will open a new page for view/edit and delete as shown in **Figure 3-68**. User has to click on **"VIEW/EDIT"** to the **"CATCH REPORTING"** page as shown in **Figure 3-69**.


7. Select the **“CATCH SPECIES”** menu to record the catch by species and weight in kilogram (kg) as shown in **Figure 3-70** and **Figure 3-71**.
8. After completed catch reporting, click on **“RECORD”** a message from the system will show as **Figure 3-72** for few second, then return to the **“HISTORY”** page again as shown in **Figure 3-73**.
9. At **Figure 3-73**, catch reporting for fishing operation no. 1 is in the status **“WAITING FOR SENDING”** to the eACDS server system.
10. Fishing master can click on  the page will return back from **“HISTORY”** page return to the main page of the eACDS-Catch Report Application for the next fishing operation catch reporting.
11. For the catch reporting of the next fishing operation no. 2, no. 3, and so on, fishing master can refer to the steps from **Figure 3-63** to **Figure 3-72**. Following the same process, the results of catch reporting results for fishing operation no. 2 and no. 3 are shown as **Figure 3-74** and **Figure 3-75**, respectively.
12. To send the catch reports from mobile device to the eACDS server, the mobile system requires internet, the signal should be strong enough to send data from sea to land server.
13. Fishing master can send each catch report (send one by one report, **see A: SEND CATCH REPORT ONE BY ONE TO SERVER**) or (send all reports, **see B: SEND ALL CATCH REPORT TO SERVER**) in one time.



Figure 3-70: List of Species

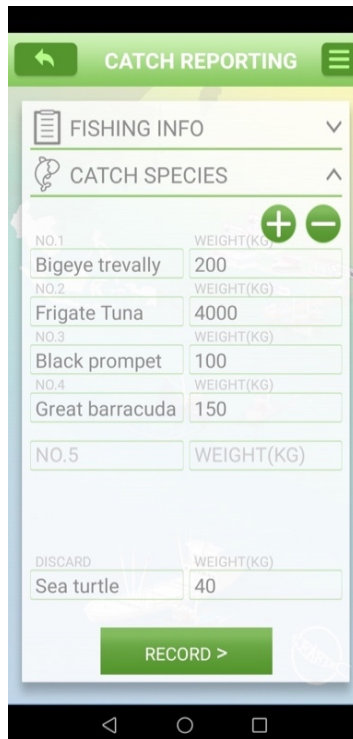


Figure 3-71: Recording Catch by Species and Weight

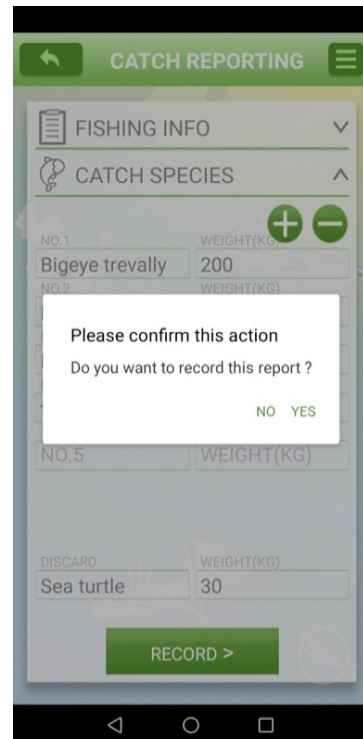


Figure 3-72: Confirm the Catch Record to Save in System

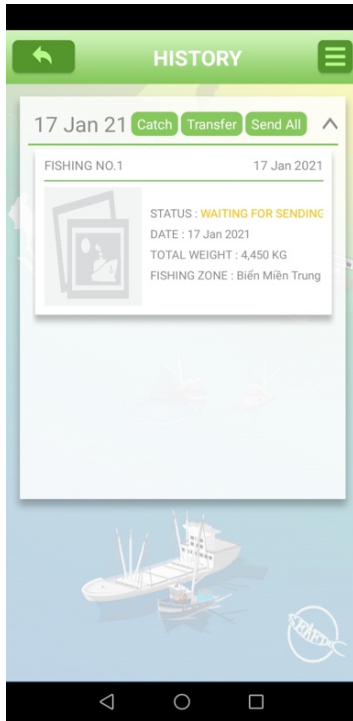


Figure 3-73: In HISTORY Page Shows the Catch Report for Fishing Operation No. 1

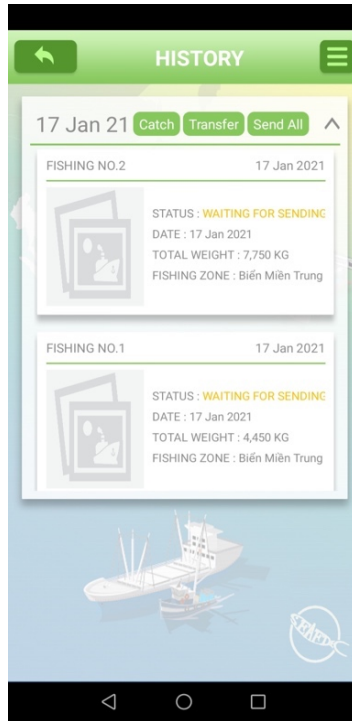


Figure 3-74: In HISTORY Page Shows Catch Report of 2 Fishing Operations

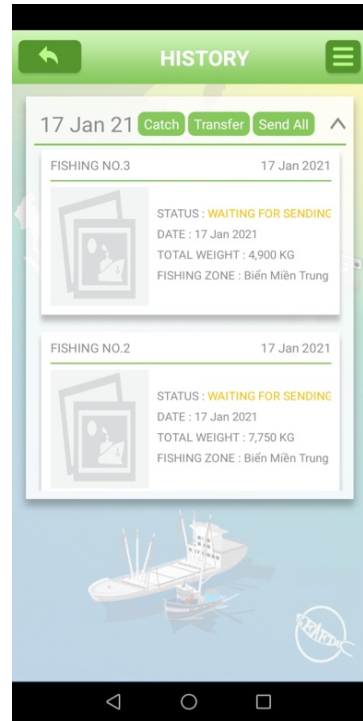


Figure 3-75: In HISTORY Page Shows Catch Report of 3 Fishing Operations

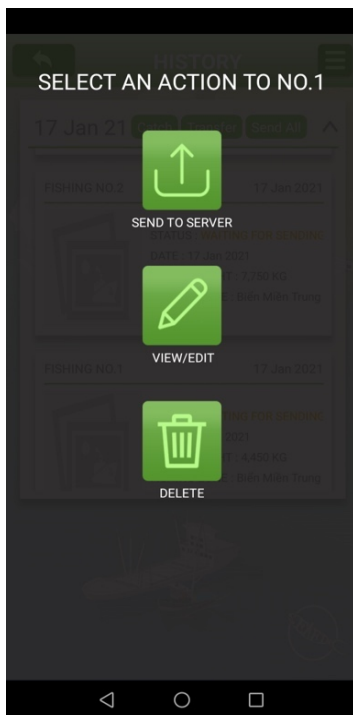


Figure 3-76: The Action Page for Sending Catch Report to Server

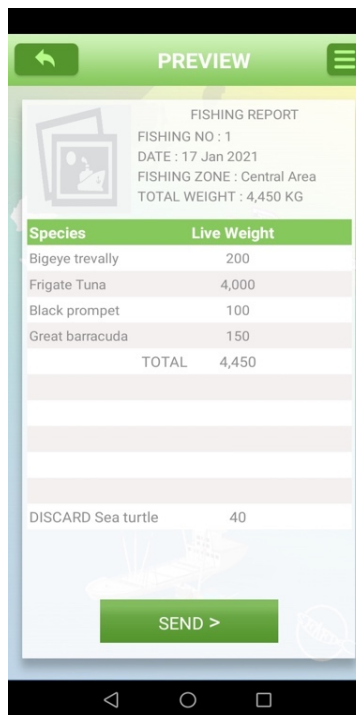


Figure 3-77: The PREVIEW Page before Sending the Catch Report to Server

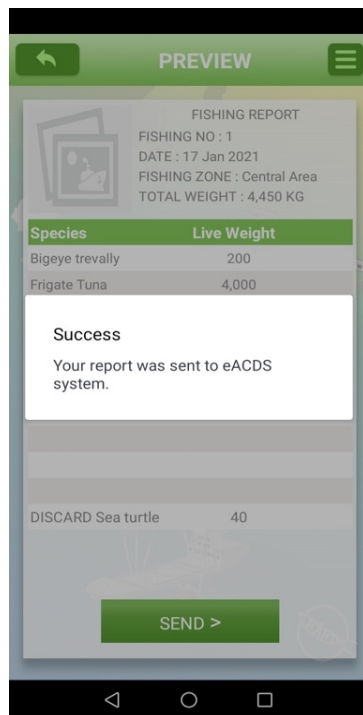


Figure 3-78: Successful Sending Catch Report to Server

A) SEND CATCH REPORT ONE BY ONE TO SERVER

14. From **Figure 3-75**, the “**HISTORY**” page, user can see all three (3) catch reports which refers to fishing operation no. 1, no. 2 and no.3. User can send only the catch report of fishing operation no. 1 to the server by selecting the catch report no.1 and click on the report. A new window will appear as **Figure 3-76**.
15. If user clicked on “**VIEW/EDIT**”, user will back to catch reporting form as shown in **Figure 3-69**.
16. From **Figure 3-76**, if user clicked on “**SEND TO SERVER**”, user will find a preview report as shown in **Figure 3-77**. Next click on “**SEND**”, a catch report of fishing operation no. 1 will be sent to the eACDS server. The message of success will appear as **Figure 3-78**.

B) SEND ALL CATCH REPORT TO SERVER

17. After sent the catch report of fishing operation no. 1 already the “**HISTORY**” page, now user can see the catch report of fishing operation no. 1 is sent (status). Remaining the catch report of fishing operation no. 2 and no. 3.
18. From **Figure 3-75**, user can send all remaining catch report by click “**SEND ALL**” on the top menu. User can find overall catch in the “**PREVIEW**” page as shown in **Figure 3-79**. Next click on “**SEND ALL**”, then a confirm message will appear as **Figure 3-80**.



Figure 3-79: PREVIEW Page of the Total Catch from 2 Fishing Operations

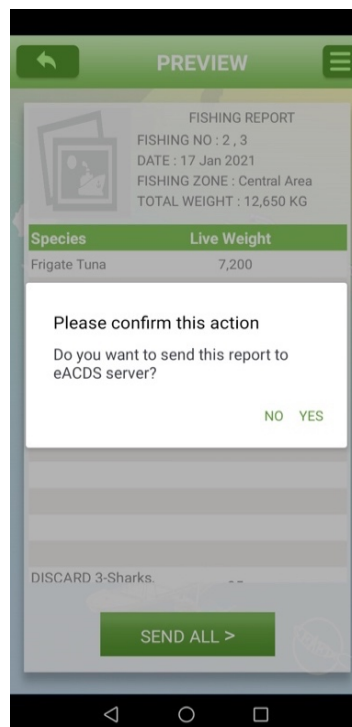


Figure 3-80: Confirm “Sending Catch Report” to Server

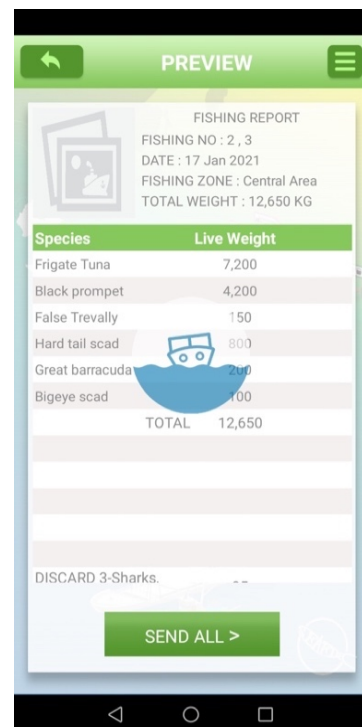


Figure 3-81: The Application is in Sending Mode

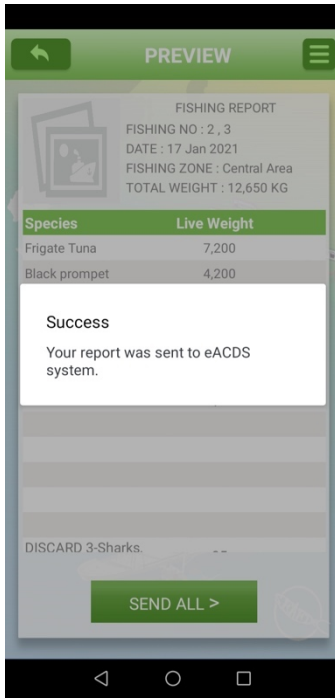


Figure 3-82: This Message on Success of Sending will Appear for Few Second

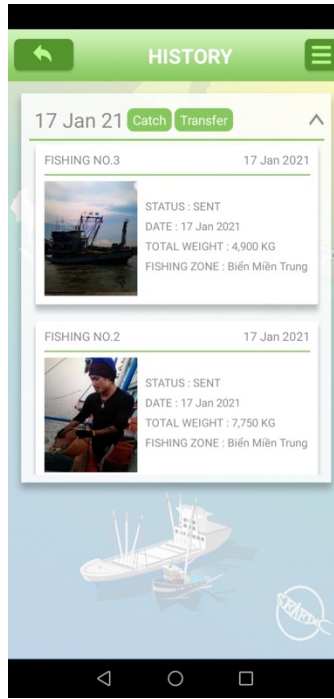


Figure 3-83: Status of Catch Reports are Sent in the "HISTORY" Page

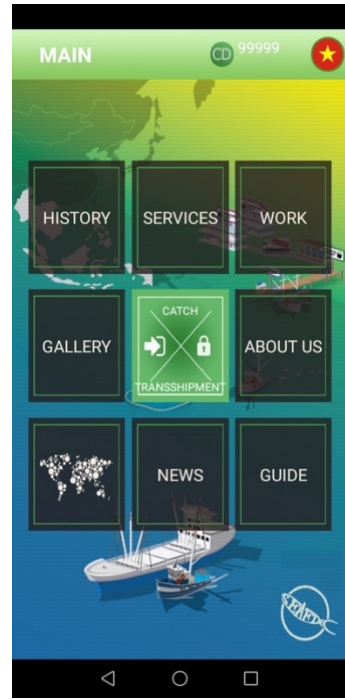

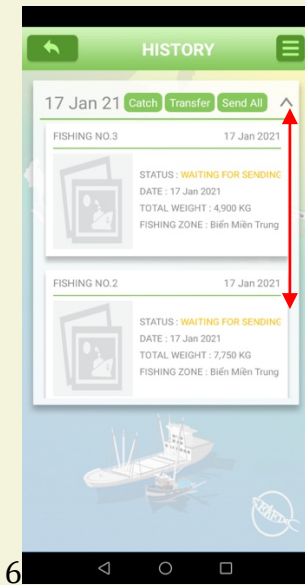


Figure 3-84: Main Page of the eACDS-Catch Report Hybrid Application

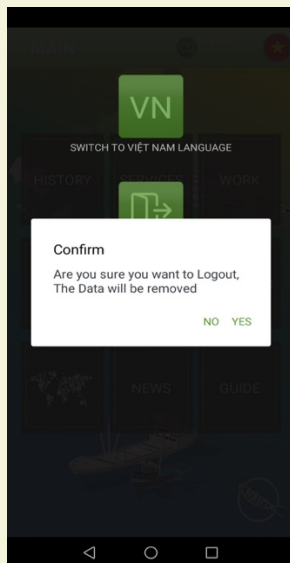
19. Click **"YES"** to confirm sending, then a new message on **"Success"** will appear for a few seconds (as **Figure 3-81**, **Figure 3-82**) and change to **"HISTORY"** page automatically, as shown in **Figure 3-83**.

20. From **Figure 3-83**, click on  the page will return back from **"HISTORY"** page to main page as shown in **Figure 3-84**.

PINPOINT



- (1) In case of many fishing operation catch reports, user cannot see all catch report of each fishing operation, user has to click on the right side, the cursor will appear. User can move the cursor down to find more catch reports.



- (2) During the catch reporting process, even though user has **recorded** the catch reports in the mobile device, but user did **not transfer, send, or send all** to the server yet. **DO NOT LOGOUT** the eACDS-Catch Report application. If user logged out the application, all catch reports that recorded in the mobile device/system will be removed. In such the case, user must reopen and login to application and re-catch reporting for a new task.

CHAPTER 3-3: PORT IN REQUEST, CATCH VERIFICATION AND ISSUANCE OF CATCH DECLARATION

STEP 3-1: PORT IN REQUEST

- ✓ For port in process, this is a duty of fishing master that has to request in advance prior arrival to port for landing. Port in process is similar to port out request process, there are two (2) ways to request/inform port authority for port in permission as following:

A) REQUEST VIA ONLINE eACDS WEB APPLICATION

1. Fishing master, or fishing vessel owner who has authorized, must request for port in via the online eACDS web application of each country such as Viet Nam at <https://eacds.seafdec.org/vietnam> the login page will appear, as **Figure 3-85**.
2. Login using the registered email account and password, user can access the main page of the eACDS web application, then select “**Port-in**” menu, a new window will appear, as shown in **Figure 3-86**.
3. Click on “**+ Request**” to add a port in vessel, a new “**PORT-IN REQUEST**” form will appear as shown in **Figure 3-87**.
4. From **Figure 3-87**, click on “**Vessel Name**” the pop up list of vessels that belonged to the same boat owner will appear for selecting by the user. The information about fishing vessels such as boat owner name and CD number will automatically fill in, following by selecting a port in name as shown in **Figure 3-88**.
5. Enter date/time for the port in and select the purpose from the pop up list, as shown in **Figure 3-89**. There are three (3) purposes of the port in request for choosing: 1) landing catch, 2) others, and 3) accident. In case of landing catch, the fishing master should have fish for landing only. If there were no fish for landing, the fishing master has to choose “**Other**” or “**Accident**” for port in request. If there is no fish for landing and requested for catch landing, the system will not close the port in process for catch clearance. The port in process will be pending and will affect the next port out request.
6. **Figure 3-90** shows the end step for port in request from fishing master. After clicked “**Save**”, the system will move back to the “**Port-in**” page, where the vessel shows in the list having a status “**Pending**” as shown in **Figure 3-91**.

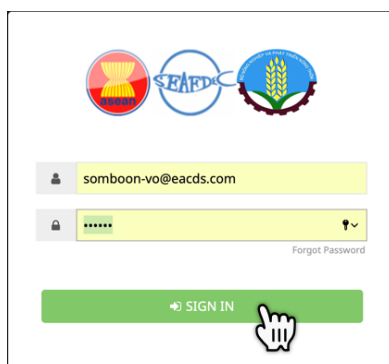


Figure 3-85: Login Page of the eACDS Web Application

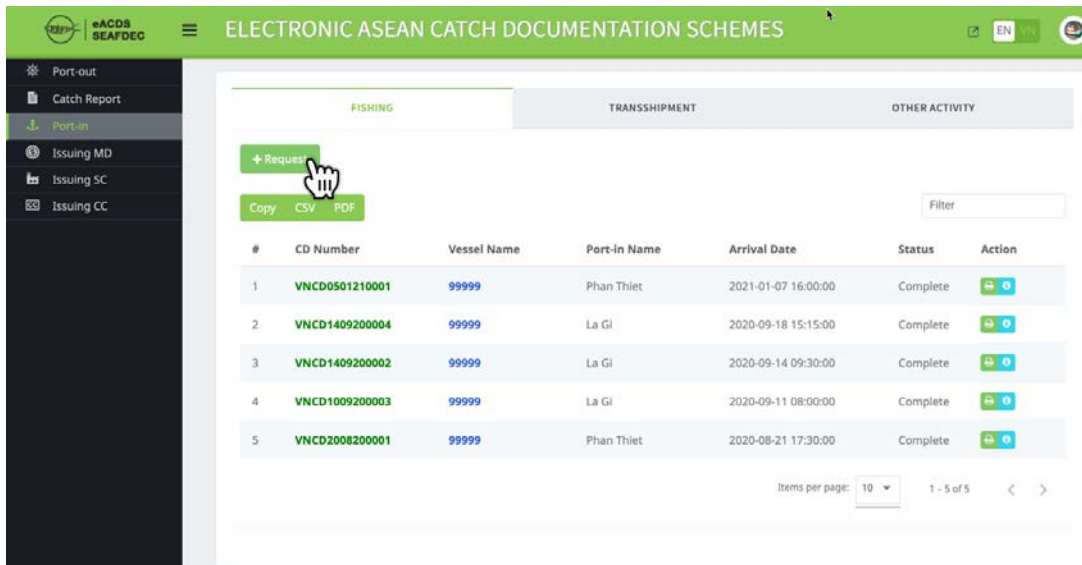


Figure 3-86: Port In Page of the eACDS Web Application Accessed by Fishing Master

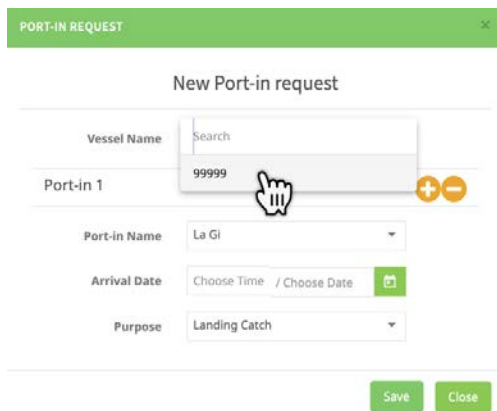


Figure 3-87: Select the Port In Requested Vessel from the List

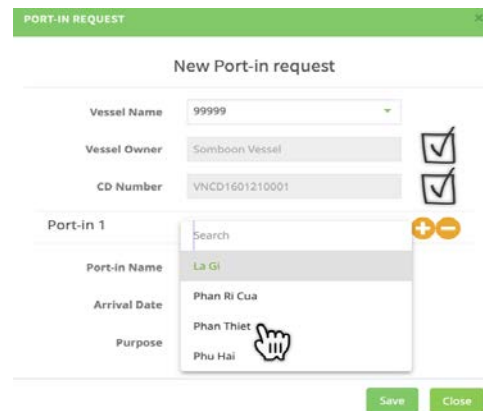


Figure 3-88: Select the Port for Landing from the List

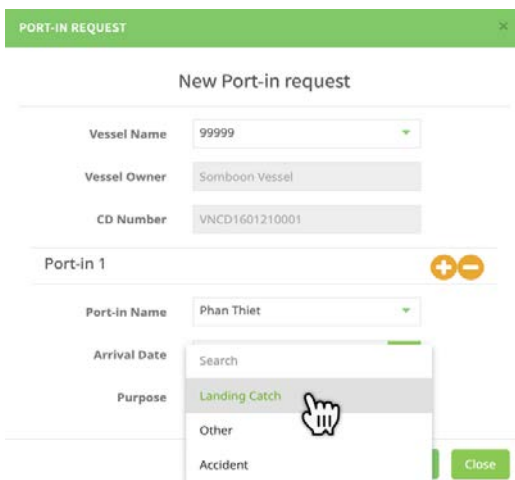


Figure 3-89: Enter Date/Time and Port In Purpose

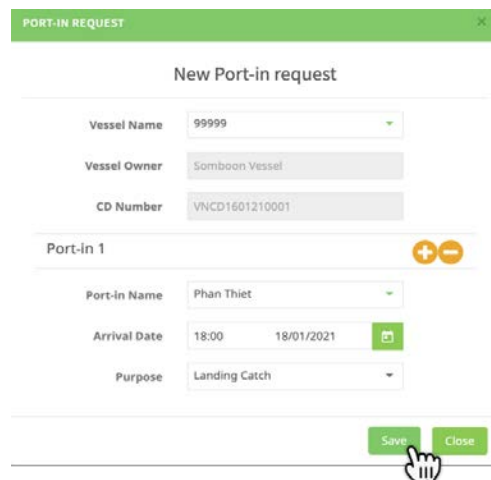


Figure 3-90: Click "Save" to End the Port In Request

#	CD Number	Vessel Name	Port-in Name	Arrival Date	Status	Action
1	VNCD1601210001	99999	Phan Thiet	2021-01-18 18:00:00	Pending	
2	VNCD0501210001	99999	Phan Thiet	2021-01-07 16:00:00	Complete	
3	VNCD1409200004	99999	La Gi	2020-09-18 15:15:00	Complete	
4	VNCD1409200002	99999	La Gi	2020-09-14 09:30:00	Complete	
5	VNCD1009200003	99999	La Gi	2020-09-11 08:00:00	Complete	
6	VNCD2008200001	99999	Phan Thiet	2020-08-21 17:30:00	Complete	

Figure 3-91: Fishing Vessel “99999” Requested for Port In, Status “Pending”

7. Please be noted that the system will allow having more than one port in, as actual practices in some ASEAN Member States. Regarding this, fishing master can add another port by click . The result after click + will show in **Figure 3-92**. However, the manual will demonstrate only for one port in.

PORT-IN REQUEST

New Port-in request

Vessel Name: 99999

Vessel Owner: Somboon Vessel

CD Number: VNCD1601210001

Port-in 1

Port-in Name: Phan Thiet

Arrival Date: 18:00 / 18/01/2021

Purpose: Landing Catch

Port-in 2

Port-in Name: La Gi

Arrival Date: Choose Time / Choose Date


Purpose: Landing Catch

Save Close

Figure 3-92: Adding Another Port In such In Case of Two Landing Ports

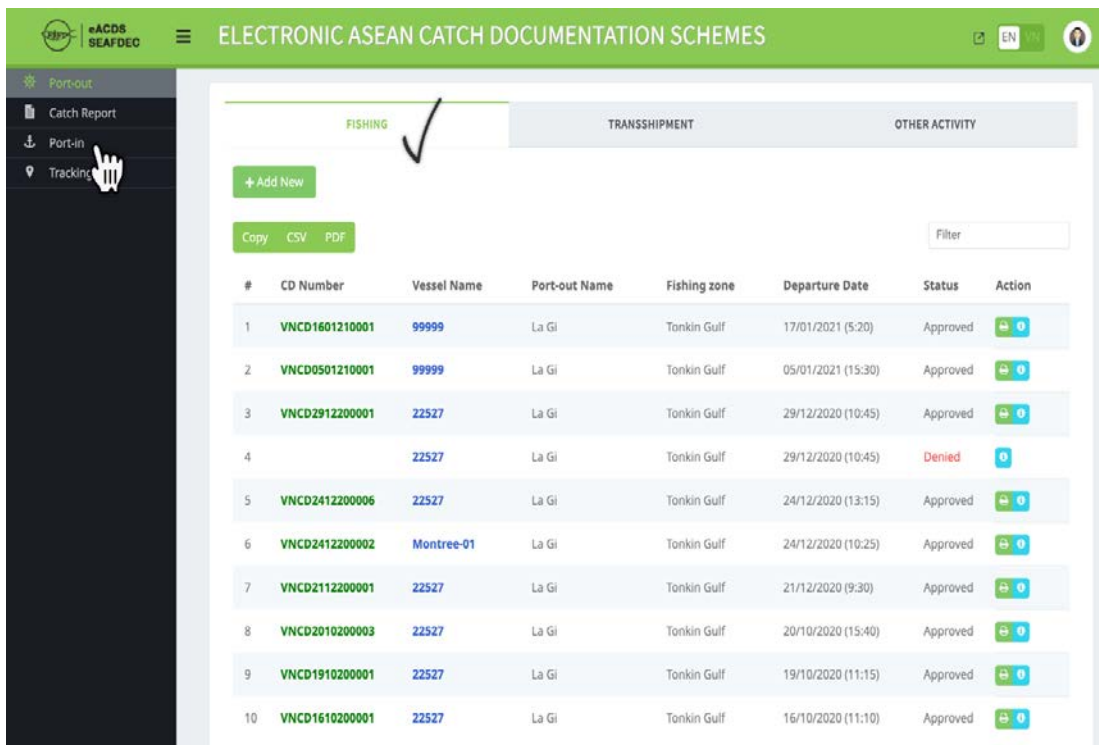
B) CONTACT AND REQUEST DIRECTLY TO PORT AUTHORITY

1. In case of fishing master or boat owner cannot access the eACDS web application for port in request, they can contact and request directly to port authority for port in. Regarding this port officer will access the eACDS web application via URL of each country such as Viet Nam at <https://eacds.seafdec.org/vietnam> and login the system using the port officer user account as shown in **Figure 3-93**.
2. After “SIGN IN” completed, the system show port out page (see **Figure 3-94**), then user have to change page menu by selecting a “Port-in” menu as shown in **Figure 3-95**.



The login page features three logos at the top: ASEAN, SEAFDEC, and a circular emblem with a green field and a blue sky. Below the logos are two input fields: the first contains the email address 'somboon-port@eacds.com' and the second contains a masked password '.....'. A 'Forgot Password' link is located below the password field. At the bottom, there is a prominent green button with a right-pointing arrow and the text 'SIGN IN'.

Figure 3-93: Login Page for Port In Request Accessed by Port Authority



The screenshot shows the 'ELECTRONIC ASEAN CATCH DOCUMENTATION SCHEMES' interface. The top navigation bar includes the eACDS SEAFDEC logo, a hamburger menu, and language options for EN and VN. A left sidebar contains menu items: Port-out, Catch Report, Port-in (highlighted with a hand cursor), and Tracking. The main content area is titled 'FISHING' with a checkmark and contains a table of port-in requests. The table has columns for #, CD Number, Vessel Name, Port-out Name, Fishing zone, Departure Date, Status, and Action. The 'Port-in' menu item in the sidebar is highlighted with a hand cursor.




















#	CD Number	Vessel Name	Port-out Name	Fishing zone	Departure Date	Status	Action
1	VNCD1601210001	99999	La Gi	Tonkin Gulf	17/01/2021 (5:20)	Approved	 
2	VNCD0501210001	99999	La Gi	Tonkin Gulf	05/01/2021 (15:30)	Approved	 
3	VNCD2912200001	22527	La Gi	Tonkin Gulf	29/12/2020 (10:45)	Approved	 
4		22527	La Gi	Tonkin Gulf	29/12/2020 (10:45)	Denied	
5	VNCD2412200006	22527	La Gi	Tonkin Gulf	24/12/2020 (13:15)	Approved	 
6	VNCD2412200002	Montree-01	La Gi	Tonkin Gulf	24/12/2020 (10:25)	Approved	 
7	VNCD2112200001	22527	La Gi	Tonkin Gulf	21/12/2020 (9:30)	Approved	 
8	VNCD2010200003	22527	La Gi	Tonkin Gulf	20/10/2020 (15:40)	Approved	 
9	VNCD1910200001	22527	La Gi	Tonkin Gulf	19/10/2020 (11:15)	Approved	 
10	VNCD1610200001	22527	La Gi	Tonkin Gulf	16/10/2020 (11:10)	Approved	 

Figure 3-94: Port In Page Accessed by Port Authority

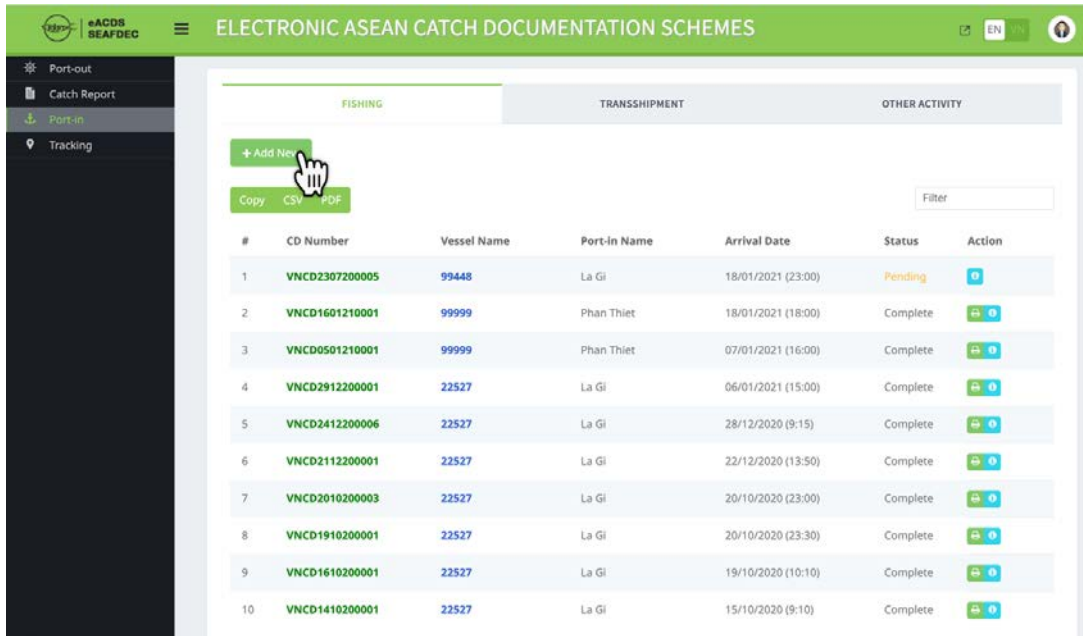

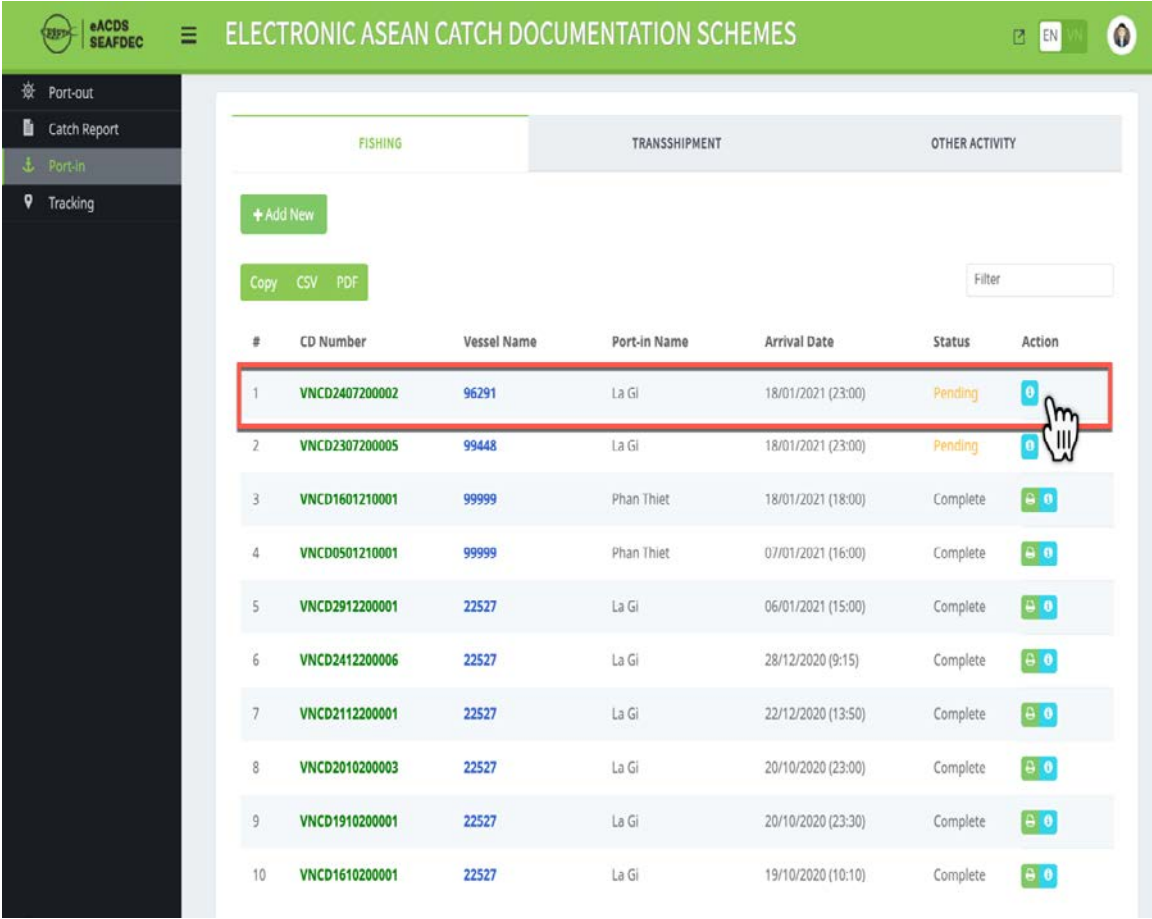


Figure 3-95: Adding a New Vessel as Requested for Port In

Figure 3-96: PORT-IN REQUEST Form

Figure 3-97: Select a Vessel Requested for Port In, and Enter all Required Information and Save

- From **Figure 3-95**, click “ **+ Add New** ”, a “**PORT-IN REQUEST**” form will appear as shown in **Figure 3-96**.
- Next, click on vessel name, a list of vessels requested for port in will show pop up. Port officer has to select a requested vessel name. The vessel owner name and CD number will automatically filled in. User have to provide a port name for landing, arrival date and time, and purpose, then click on “**Save**” (see **Figure 3-97**), the system will return back to port in page as shown in **Figure 3-98**.

- From **Figure 3-98**, User can see the details of catch report for landing by click on the information Icon “


The screenshot shows the 'ELECTRONIC ASEAN CATCH DOCUMENTATION SCHEMES' interface. The 'FISHING' tab is active, displaying a table of vessels. The first row is highlighted in red, and a hand cursor is pointing at the information icon in the 'Action' column.



















#	CD Number	Vessel Name	Port-in Name	Arrival Date	Status	Action
1	VNCD2407200002	96291	La Gi	18/01/2021 (23:00)	Pending	
2	VNCD2307200005	99448	La Gi	18/01/2021 (23:00)	Pending	
3	VNCD1601210001	99999	Phan Thiet	18/01/2021 (18:00)	Complete	 
4	VNCD0501210001	99999	Phan Thiet	07/01/2021 (16:00)	Complete	 
5	VNCD2912200001	22527	La Gi	06/01/2021 (15:00)	Complete	 
6	VNCD2412200006	22527	La Gi	28/12/2020 (9:15)	Complete	 
7	VNCD2112200001	22527	La Gi	22/12/2020 (13:50)	Complete	 
8	VNCD2010200003	22527	La Gi	20/10/2020 (23:00)	Complete	 
9	VNCD1910200001	22527	La Gi	20/10/2020 (23:30)	Complete	 
10	VNCD1610200001	22527	La Gi	19/10/2020 (10:10)	Complete	 

Figure 3-98: Port In Page Shows a List of Vessel, and the Port In Status

PORT-IN REQUEST ✕

New Port-in request

Vessel Name: 96291
 Vessel Owner: Nguyen Thanh Vuong
 CD Number: VNCD2407200002

Port-in 1

Port-in Name: La Gi
 Arrival Date: 23:00 18/01/2021 📅
 Purpose: Landing Catch

Catch Verification + -

No.1	Blue swimming crab	840
No.2	Filefish	1180
No.3	Deep sea pungnose ponyfish	565
No.4	Emperor red snapper	1948
No.5	Black promptet	565
No.6	Goldstrip sardinella	555
No.7	Greater lizardfish	231
No.8	Giant Tiger prawn	835
No.9	Biqeye scad	254
No.10	Gold belly croaker	85
No.11	Banana prawn	350
No.12	Biqeye trevally	200
No.13	Cobia	800
No.14	Mullet	1551
No.15	Chub mackerel	0.5
No.16	Cuttlefish	88

Save Complete Close

Figure 3-99: A Catch Report for Port In

PORT-IN REQUEST ✕

New Port-in request

Vessel Name: 96291
 Vessel Owner: Nguyen Thanh Vuong
 CD Number: VNCD2407200002

Port-in 1

Port-in Name: La Gi
 Arrival Date: 23:00 18/01/2021 📅
 Purpose: Landing Catch

Catch Verification + -

No.1	Blue swimming crab	840	
No.2	Filefish	2000	☑
No.3	Deep sea pungnose ponyfish	565	
No.4	Emperor red snapper	2200	☑
No.5	Black promptet	565	
No.6	Goldstrip sardinella	555	
No.7	Greater lizardfish	231	
No.8	Giant Tiger prawn	835	
No.9	Biqeye scad	254	
No.10	Gold belly croaker	85	
No.11	Banana prawn	350	
No.12	Biqeye trevally	200	
No.13	Cobia	1000	☑
No.14	Mullet	1551	
No.15	Chub mackerel	0.5	
No.16	Cuttlefish	88	

Officer In Charge: Somboon Port

Save Complete Close

Figure 3-100: The Verified Catch Report after Port In

STEP 3-2: CATCH WEIGHT VERIFICATION

1. At port, after fish unloaded for landing, all catch species have to be verified for actual weight and record into the eACDS system via the eACDS web application.
2. The catch weight verification is a duty of port authority to record actual weight to the eACDS system.
3. Following the previous steps as shown in **Figures 3-93** followed by **Figure 3-98**, and **Figure 3-99**, consequently, the system allows the port authority to verify from the estimated weight to actual weight by species as shown in **Figure 3-100**.
4. In case the catch verification is not complete yet, click **“Save”** on the bottom of the PORT-IN REQUEST form, as shown in **Figure 3-101**. The system will alert a message **“Save or Complete”** (Do you just want to save it?) as shown in **Figure 23-102**.

New Port-in request

Vessel Name: 96291
 Vessel Owner: Nguyen Thanh Vuong
 CD Number: VNCD2407200002

Port-in 1
 Port-in Name: La Gi
 Arrival Date: 18/01/2021
 Purpose: Landing Catch

Catch Verification

No. 1	Blue swimming crab	840
No. 2	Filefish	2000
No. 3	Deep sea pungnose ponyfish	565
No. 4	Emperor red snapper	2200
No. 5	Black pomplet	565
No. 6	Goldstrip sardinella	555
No. 7	Greater lizardfish	231
No. 8	Giant Tiger prawn	835
No. 9	Bigeye scad	354
No. 10	Gold belly croaker	85
No. 11	Banana prawn	350
No. 12	Bigeye trevally	200
No. 13	Cobia	1000
No. 14	Mullet	1561
No. 15	Chub mackerel	0.5
No. 16	Cuttlefish	88

Officer In Charge: Somboun Port

Save **Complete** **Close**

Figure 3-101: List of the Catch Record that Waited for Verification

Save or Complete

This Port-in verification may still be incomplete. Do you just want to save it? Yes, Save Complete button to change the status to complete.

Yes **No**

Figure 3-102: Confirm to “Save” the Port In Request

5. But, if **catch verification** completed, the port authority has to click/select on **“Complete”**, then a new message will appear for confirmation of the complete verification. Port authority has to click **“Yes”** To end the process of catch verification. (see **Figure 3-103** and **Figure 3-104**).
6. Final step, the system will return to port in page as shown in **Figure 3-105**.

PORT-IN REQUEST

New Port-in request

Vessel Name: 96291
 Vessel Owner: Nguyen Thanh Vuong
 CD Number: VNCD2407200002

Port-in 1
 Port-in Name: La Gi
 Arrival Date: 23:00 18/01/2021 **PS**
 Purpose: Landing Catch

Catch Verification

No.1	Blue swimming crab	840
No.2	Filefish	2000
No.3	Deep sea pumponose ponyfish	565
No.4	Emperor red snapper	2200
No.5	Black pomplet	565
No.6	Goldstrip sardinella	555
No.7	Greater lizardfish	231
No.8	Giant Tiger prawn	835
No.9	Bigeye scad	254
No.10	Gold belly croaker	85
No.11	Banana prawn	350
No.12	Bigeye trevally	200
No.13	Cobia	1000
No.14	Mullet	1551
No.15	Crub mackerel	0.5
No.16	Cuttlefish	88

Officer In Charge: Somboon Port

Save Complete Close

Figure 3-103: Completion of the Catch Verification

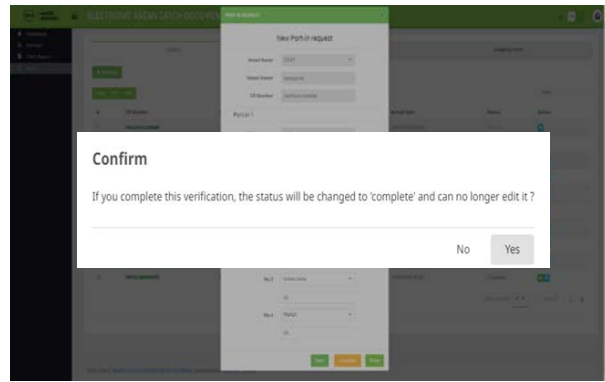


Figure 3-104: Confirmed Message for Completion of Catch Verification

ELECTRONIC ASEAN CATCH DOCUMENTATION SCHEMES

Port-out
 Catch Report
 Port-in
 Tracking

FISHING TRANSSHIPMENT OTHER ACTIVITY

+ Add New
 Copy CSV PDF Filter

#	CD Number	Vessel Name	Port-in Name	Arrival Date	Status	Action
1	VNCD2307200005	99448	La Gi	18/01/2021 (23:00)	Pending	
2	VNCD2407200002	96291	La Gi	18/01/2021 (23:00)	Complete	
3	VNCD1601210001	99999	Phan Thiet	18/01/2021 (18:00)	Complete	
4	VNCD0501210001	99999	Phan Thiet	07/01/2021 (16:00)	Complete	
5	VNCD2912200001	22527	La Gi	06/01/2021 (15:00)	Complete	
6	VNCD2412200006	22527	La Gi	28/12/2020 (9:15)	Complete	
7	VNCD2112200001	22527	La Gi	22/12/2020 (13:50)	Complete	
8	VNCD2010200003	22527	La Gi	20/10/2020 (23:00)	Complete	
9	VNCD1910200001	22527	La Gi	20/10/2020 (23:30)	Complete	
10	VNCD1610200001	22527	La Gi	19/10/2020 (10:10)	Complete	

Figure 3-105: Catch Verification Completed

STEP 3-3: ISSUANCE OF CATCH DECLARATION (CD)

1. After the ending of the catch verification process of the selected fishing vessel, the system will change a status from “**Pending**” to “**Complete**” as shown in **Figure 3-105**.
2. From the eACDS web application, the system now generate a Catch Declaration (CD) for fishing master by click on “**Printer**” icon, a print window will appear, as shown in **Figure 3-106**. There are two (2) ways provide a Catch Declaration (CD) to fishing master: 1) by printing from PDF format, and 2) by sending via email in PDF format.
3. By click on “**PDF**” button, a CD in PDF format will appear. Port officer can also send the PDF format of CD via email address of the fishing master or boat owner.
4. **Figure 3-107** shows the CD certificate generated from the eACDS system.

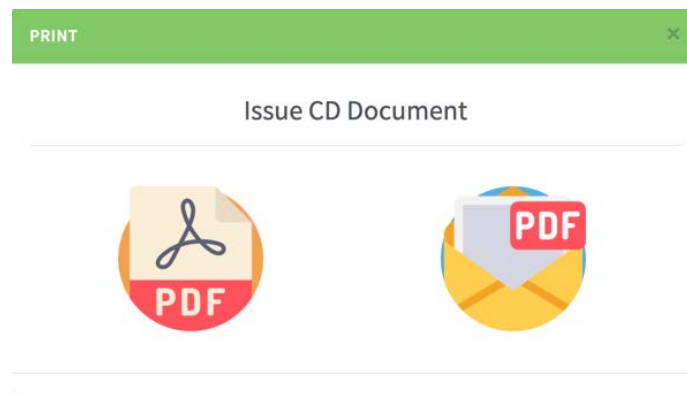



Figure 3-106: Sending the CD via email Account



B	CHECKING WHEN ARRIVAL	CD Number : VNCD2407200002	
		Arrival Date : 18/01/2021	
<p>1. Fishing Port/Fishing Site : La Gi Telephone Number : 0252 3845 674</p> <p>Address : 53 Ben Chuong Duong, Phuoc Loc, La Gi, Binh Thuan, VP 1729</p>			
2. Catch Declaration :			
Species Code	Catch Species	Estimated Weight(kg)	Verified Weight(kg)
SCD	Blue swimming crab	840	840
ALM	Filefish	1,180	2,000
UTR	Deep sea pungenose ponyfish	565	565
LUB	Emperor red snapper	1,948	2,200
POB	Black promptet	565	565
RAS	Goldstrip sardinella	555	555
LIG	Greater lizardfish	231	231
GIT	Giant Tiger prawn	835.5	835
BIS	Bigeeye scad	254	254
XXX	Gold belly croaker	85	85
PBA	Banana prawn	350	350
CXS	Bigeeye trevally	200	200
CBA	Cobia	800	1,000
MGS	Mullet	1,551	1,551
RAB	Chub mackerel	0.5	0.5
IAX	Cuttlefish	88	88
Total		10,048	11,319.5

<p>Owner/Captain :</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p style="text-align: center;"><i>Nguyen Thanh Vuong</i></p> <p style="text-align: center;">-----</p> <p style="text-align: center;">Signature</p> <p>Date 18/01/2021</p> </div>	<p>Fisheries Representative Office at Port :</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p style="text-align: center;">-----</p> <p style="text-align: center;">Signature</p> <p>Date 18/01/2021</p> </div>
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Figure 3-107: The Catch Declaration (Page 2/4)



DIRECTORATE OF FISHERIES
FISHING LOGBOOK
 (MAIN FISHING GEAR:PURSE SEINE.....)

CD Number : VNCD2407200002

1. Full Name of Vessel's Owner : Nguyen Thanh Vuong 2. Full Name of Captain : Tem test

3. Registration No. : 96291 4. Vessel Length : 17 M. 5. Vessel Engine : 315 HP

6. Fishing License No : - Fishing License Expire : 31/12/2021

7. Alternative Fishing Gear 1 : 8. Alternative Fishing Gear 2 :

9. Dimensions of Fishing gear (specially in the main fishing gear) :

a. Hand Line/Long Line :Total of line length M. Amount of hook : hook(s)

b. Purse Seine, Gill Net :Total of net length M. The height of net : M.

c. Capture net :Net circumference M. The height of net : M.

d. Trawler :Length of floating line M. Max length of net : M.

e. Others :

Fishing trip No. : 1 10. Port-out Name : La Gi Departure Date : 24/07/2020 (04:00)

11. Port-in Name : La Gi Arrival Date : 18/01/2021 (23:00)

12. Submitting Logbook Date : 24/07/2020 (04:00) CD Number : VNCD2407200002

CD : VNCD2407200002 | Printed : 22/02/2021 | P.3/4

Figure 3-107: The Catch Declaration (Page 3/4)

I. INFORMATION ON FISHING ACTIVITIES

CD Number : VNCD2407200002

Operation No.	Start Operation Date	Start position		End Operation Date	End position		Volume of target species * (kg)						Total Weight (kg)	
		Latitude	Longitude		Latitude	Longitude	Specie 1	Specie 2	Specie 3	Specie 4	Squid	Others		
1	25/07/2020 (06:27)	13.660418 3	100.60574 45	25/07/2020 (08:17)	13.661264 5	100.60622 44	Emperor red (LUB) 998	Giant Tiger (GIT) 800	Filefish (ALM) 580	Deep sea (UTR) 565			1,631	4,574
2	25/07/2020 (08:20)	13.661264 5	100.60622 44	25/07/2020 (13:44)	13.661264 5	100.60622 44	Filefish (ALM) 600	Blue (SCD) 560	Bigeye scad (BIS) 254	Gold belly (XXX) 85				1,499
3	27/07/2020 (11:34)	12.841219 8	101.62276 54	27/07/2020 (12:27)	12.841219 8	101.62276 54	Mullet (MGS) 1,551	Emperor red (LUB) 800	Cobia (CBA) 800	Banana (PBA) 350			200.5	3,701.5
4	27/07/2020 (12:28)	13.235244 4	101.22104 76	27/07/2020 (13:08)	13.339149	101.05489 02	Emperor red (LUB) 150	Cuttlefish (IAX) 88	Giant Tiger (GIT) 35.5					273.5

24/07/2020

Note:

*With Trawler, please name clearly species which is able to export and others.

Vessel Owner/Captain's Signature

(Nguyen Thanh Vuong)

CD : VNCD2407200002 | Printed : 22/02/2021 | P.4/4

Figure 3-107: The Catch Declaration (Page 4/4)

5. From **Figure 3-105**, port authority can monitor the vessel information and timeline by clicking the vessel name “22527”, the detailed of “VESSEL PROFILE” page will appear, as shown in **Figure 3-108**.

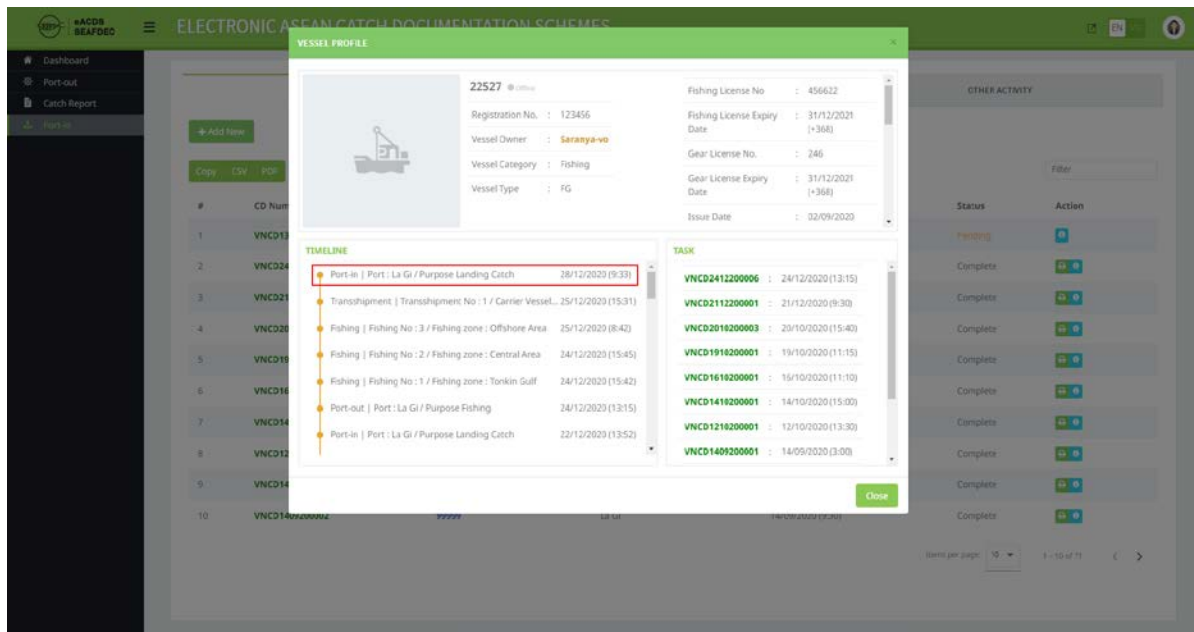


Figure 3-108: Vessel Information including Timeline Activities, and Key Data Elements

PINPOINT

- ✓ The process for port in and port out requests for transshipment vessel, and other vessel are the same with fishing vessel process
- ✓ At the end of this manual, the fishing master will receive the Catch Declaration (CD) certificate
- ✓ All catch data from fishing vessels will be recorded in the eACDS server, these are essential for management of fisheries and fish stock

ACKNOWLEDGEMENT

Foremost, we would like to express our sincere gratitude to the Government of Japan through the SEAFDEC-Japanese Trust Fund Program on Enhancement of the Traceability System for the Fish and Fishery Products in the ASEAN. Notably, Mr. Akito Sato fully supports the development of the electronic ASEAN Catch Documentation Scheme.

Besides, we sincerely thank a Project Coordinator, Mr. Bundit Chokesanguan, and ACDS working team for their patience, motivation, enthusiasm, and immense knowledge. Their guidance helped us in all the time of detailed activities in the promotion of the eACDS system.

Finally, our sincere thanks also go to the SEAFDEC Secretary-General, Ms. Malinee Smithrithree, for her guidance on the SEAFDEC policy to promote this eACDS tool for combating the IUU Fishing in the ASEAN. Also, for her continued support to expand the promotion of eACDS to cover all relevant ASEAN Member States.

