REGIONAL TRACEABILITY TOOLS FOR FISH AND FISHERY PRODUCTS

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Regional Training on Traceability and Effective Management Tools for Fish and Fishery Products in Southeast Asia
1-3 October 2024

OUTLINES

- Importance of Catch Documentation Scheme for Fisheries management and Traceability of Fish and Fishery Products
- Introduction of electronic ASEAN Catch Documentation Scheme (eACDS)

IMPORTANCE OF CATCH DOCUMENTATION SCHEME FOR FISHERIES MANAGEMENT AND TRACEABILITY OF FISH AND FISHERY PRODUCTS

BACKGROUND

- In 2010, the EU introduced Catch Certification Scheme (CCS), whereby fisheries products must be accompanied by Catch Certificate (CC) declaring that the catch was produced in accordance with applicable laws, regulations and international conservation and management measures.
- While the Catch Documentation Scheme (CDS) should be designed to address the concerns on IUU fishing, especially as an important tool to combat IUU fishing, it should be developed from the point of view of Monitoring, Control and Surveillance (MCS) or from trade documentation perspective.
- Legally, the CCS is meant to record the origin of all the marine products arriving the EU market. This implies that EU importers must ensure that all consignments to be imported have validated certificates provided by exporters prior to the importation to the EU. Normally, the Fisheries Authority of the flag country of the vessel is responsible for the issuance of the Catch Certificate.

BACKGROUND (2)

- In 2017, FAO developed the Voluntary Guidelines for Catch Documentation Schemes (VGCDS), which includes the Catch Documentation Schemes (CDSs) for wild capture fish caught for commercial purposes in marine or inland areas
- The Guidelines had been developed recognizing the relevant international laws and other international instruments, e.g. the International Plan of Action to Prevent, Deter and Eliminate Illegal, Unreported and Unregulated Fishing (IPOA-IUU).
- The Guidelines aims to provide assistance to States, regional fisheries management organizations, regional economic integration organizations, and other intergovernmental organizations, in their efforts towards developing and implementing new CDS or harmonizing or reviewing their existing CDSs.

BENEFITS OF TRACEABILITY

- Securing food safety
- Promoting better process controls
- Securing better market niches

eACDs
electronic ASEAN Catch Documentation Scheme

INTRODUCTION ON

ELECTRONIC ASEAN CATCH DOCUMENTATION SCHEME (eACDS):

SEAFDEC/ TRAINING DEPARTMENT

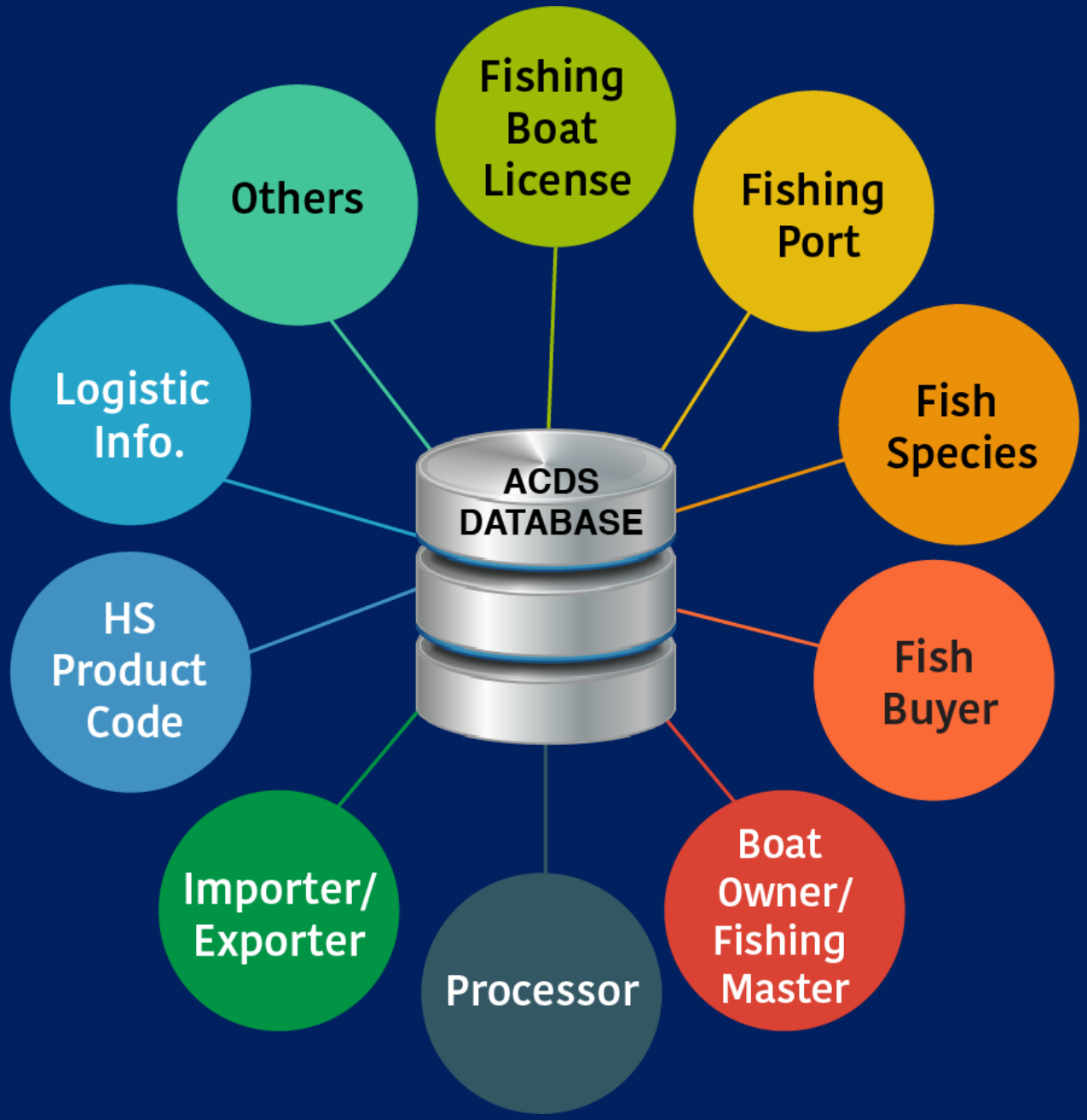
WHAT'S eACDS ?

- A Prototype Software for Enhancing A Traceability of Fish and Fishery Products from fishing to plate
- Implementing eACDS required Good Governance in Fisheries Management: Port control, catch reporting, recording movement of fish in the supply chain, export-import, etc.

OBJECTIVES

- To introduce the eACDS as prototype for useful management tools for sustainable fisheries and combating IUU fishing;
- To reduce the burden of paper-works in the implementation for enhancing the traceability system for fish and fishery product;
- To strengthen the cooperation among for private-public sectors in all supply chains;
- To increase responsible and regulated fishing.

KEY DATA ELEMENTs (KDEs)



eACDS APPLICATIONS

eACDS on Web-based Application

Vessel Owner/Fishing Master

Request Port-out and Port-in

Processor

- Request Statement of Catch
- Request Catch Certificate Document

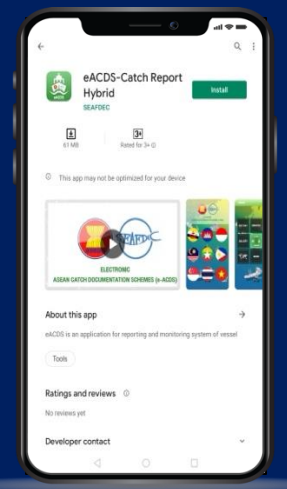
Officer

- Approve Port-out / Port-in and Verify Weight
- Issuance Catch Declaration (CD)
- Issuance Movement Document (MD)
- Issuance Statement of Catch (SC)
- Issuance Catch Certificate Document (CC)
- View Reports and Manage KDEs

eACDS on Mobile Application

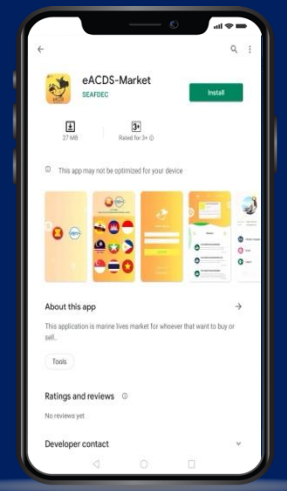
eACDS-Catch Report App.

Fishing Master/
Vessel Owner



eACDS-Market App.

Seller and Buyer



eACDS SYSTEM FLOW CHART

PART CD

PART MD

PART SC

PART CC

TRACE FISHERY PRODUCT FROM QR-CODE

PROCESS 1

PORT-OUT PERMISSION & ISSUANCE OF INITIAL CD

PROCESS 2

CATCH REPORT AT SEA

PROCESS 3

PORT-IN PERMISSION, CATCH VERIFICATION & ISSUANCE OF CD

CD

PROCESS 4

PURCHASING FISH FOR LOCAL MARKET AND/OR PROCESSING PLANT

PROCESS 5

ISSUANCE OF MOVEMENT DOCUMENT (MD)

MD

PROCESS 6

REQUEST FOR STATEMENT OF CATCH (SC)

PROCESS 7

ISSUANCE OF STATEMENT OF CATCH (SC)

SC

PROCESS 8

REQUEST FOR CATCH CERTIFICATION (CC)

PROCESS 9

ISSUANCE OF CATCH CERTIFICATION (CC)

CC

EXPORT FISHERY PRODUCT

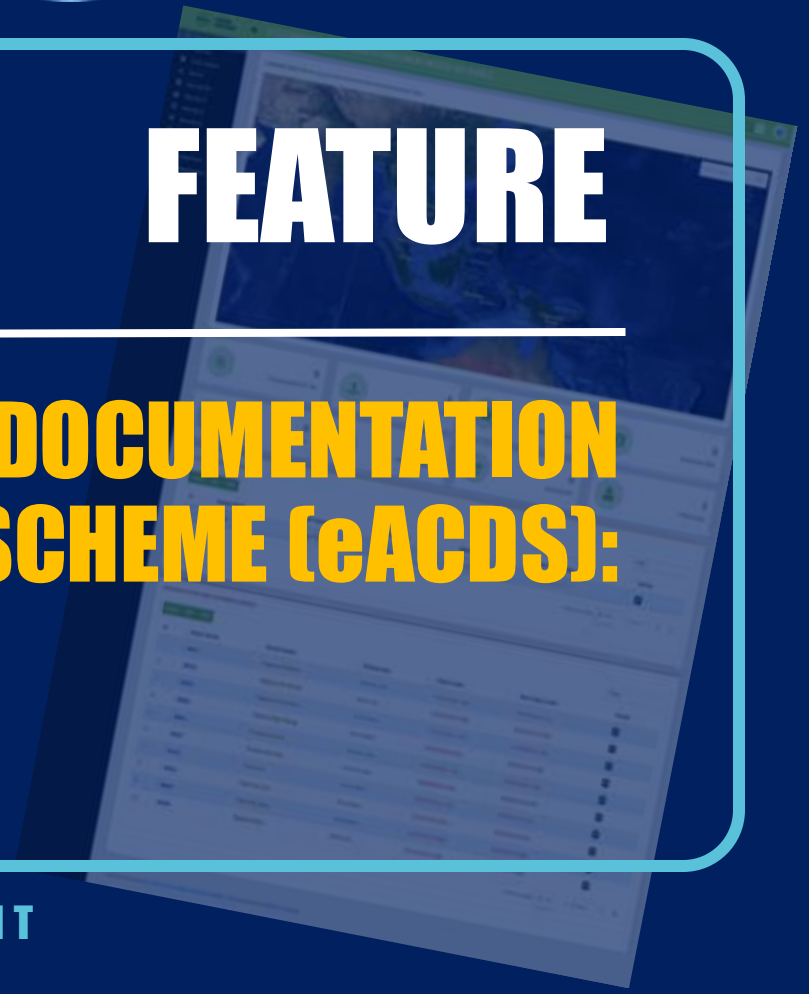
SCAN

eACDS

electronic ASEAN Catch Documentation Scheme

FEATURE

ELECTRONIC ASEAN CATCH DOCUMENTATION SCHEME (eACDS):



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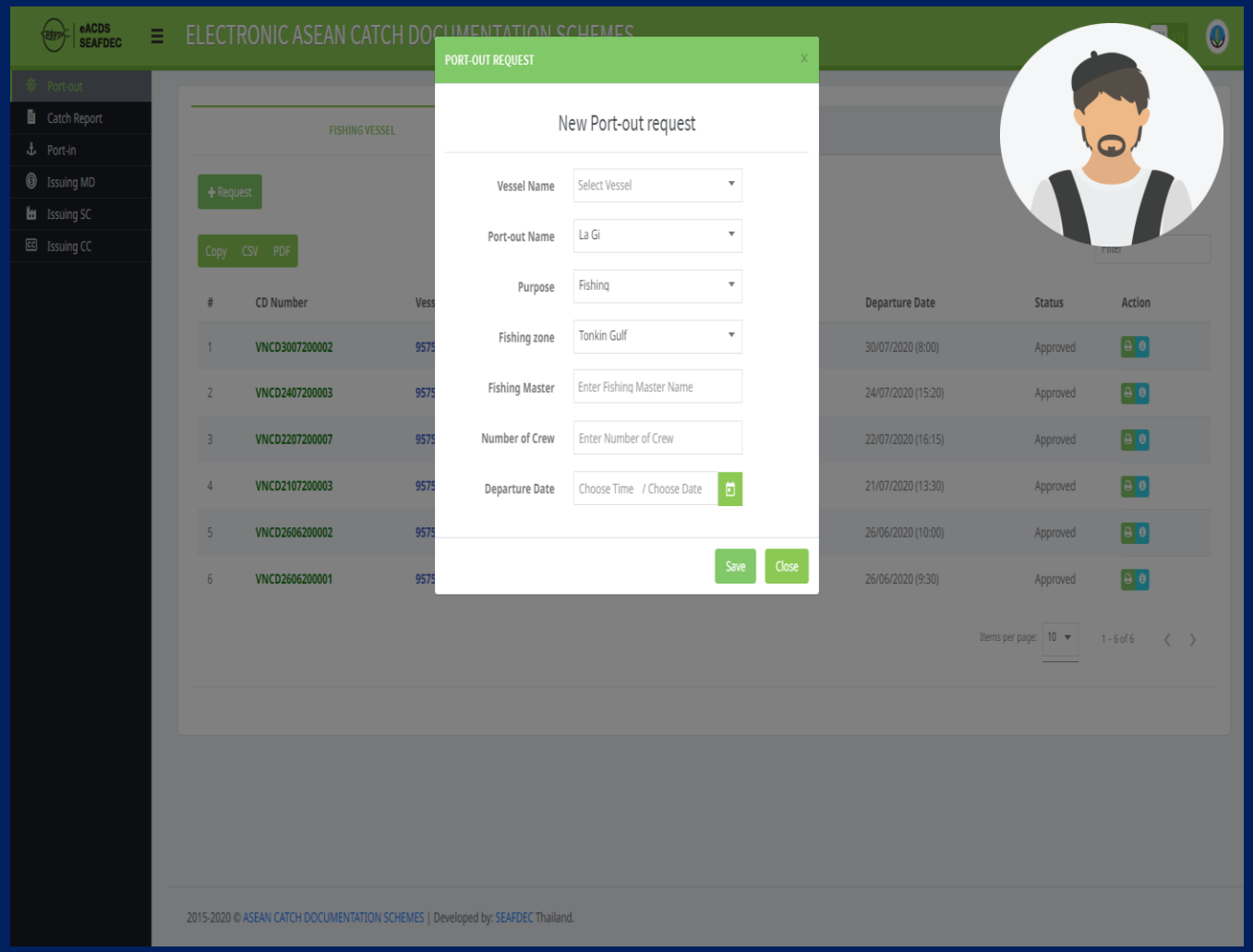
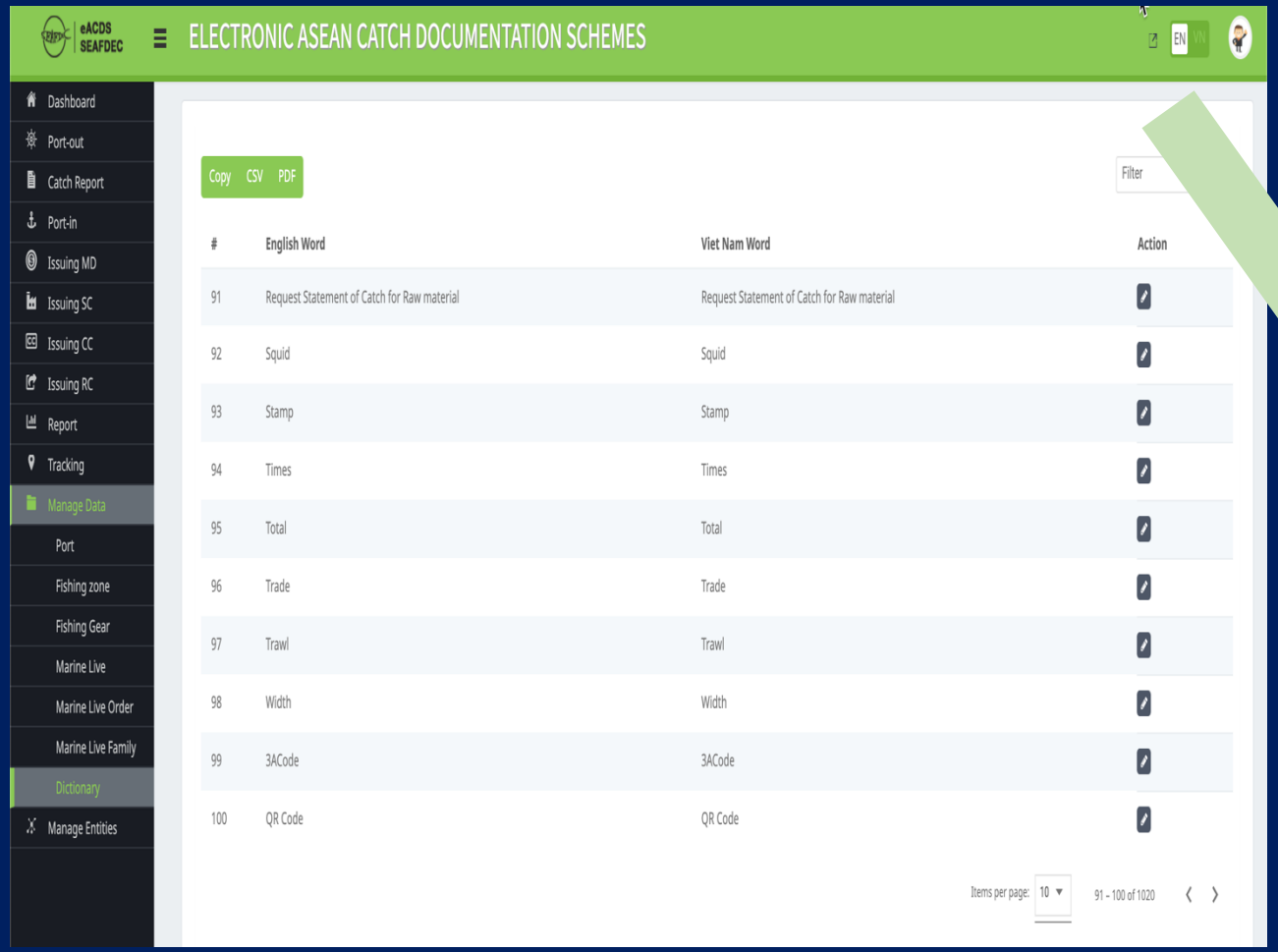
FEATURE IN eACDS APP.

1

Request Port-out/Port-in by Vessel Owner / Fishing Master via Online webpage



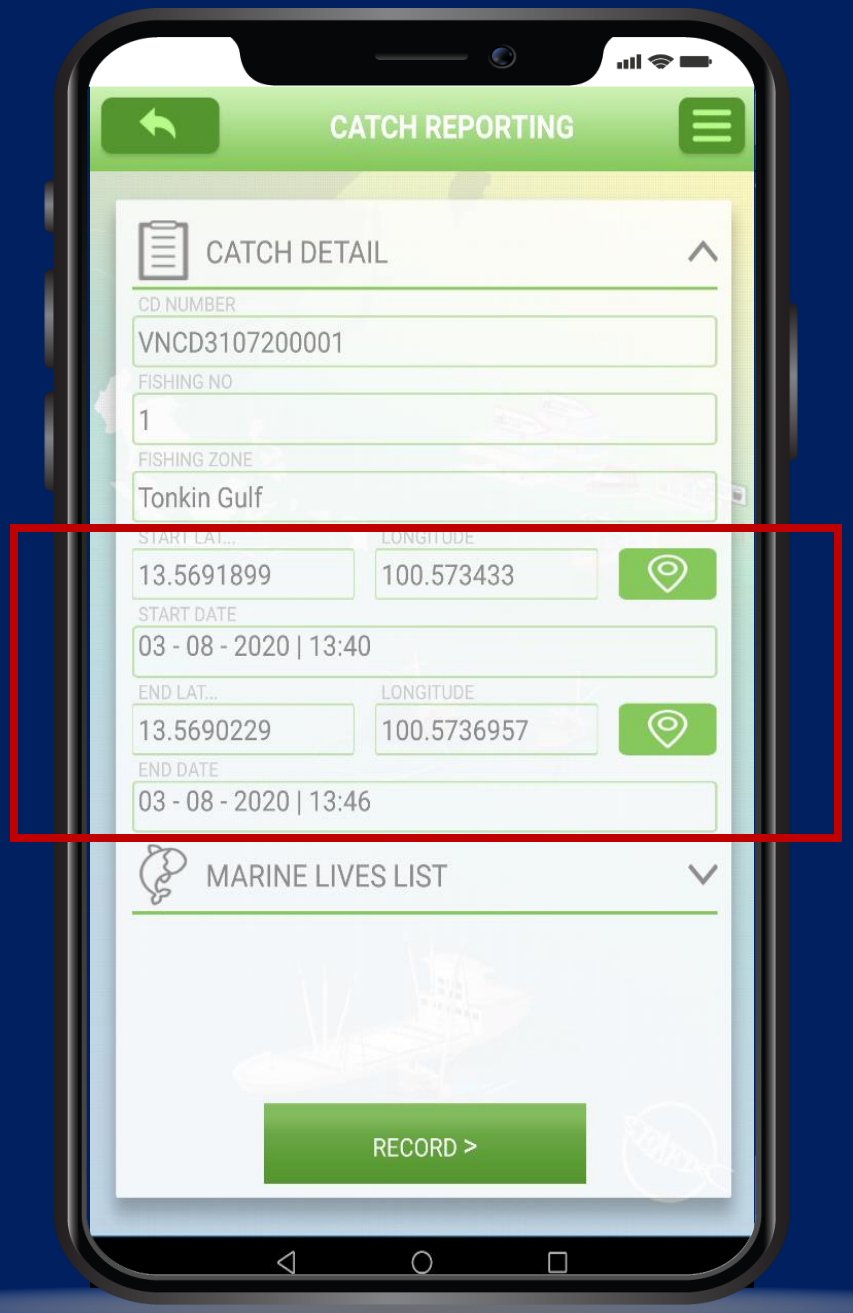
FEATURE IN eACDS APP.



2

Bilingual both eACDS Web-based and eACDS Mobile Application (English – Local Language)

FEATURE IN eACDS APP.



3

eACDS – Catch Report Application can get Date, Start – End Position by Operation

FEATURE IN eACDS APP.

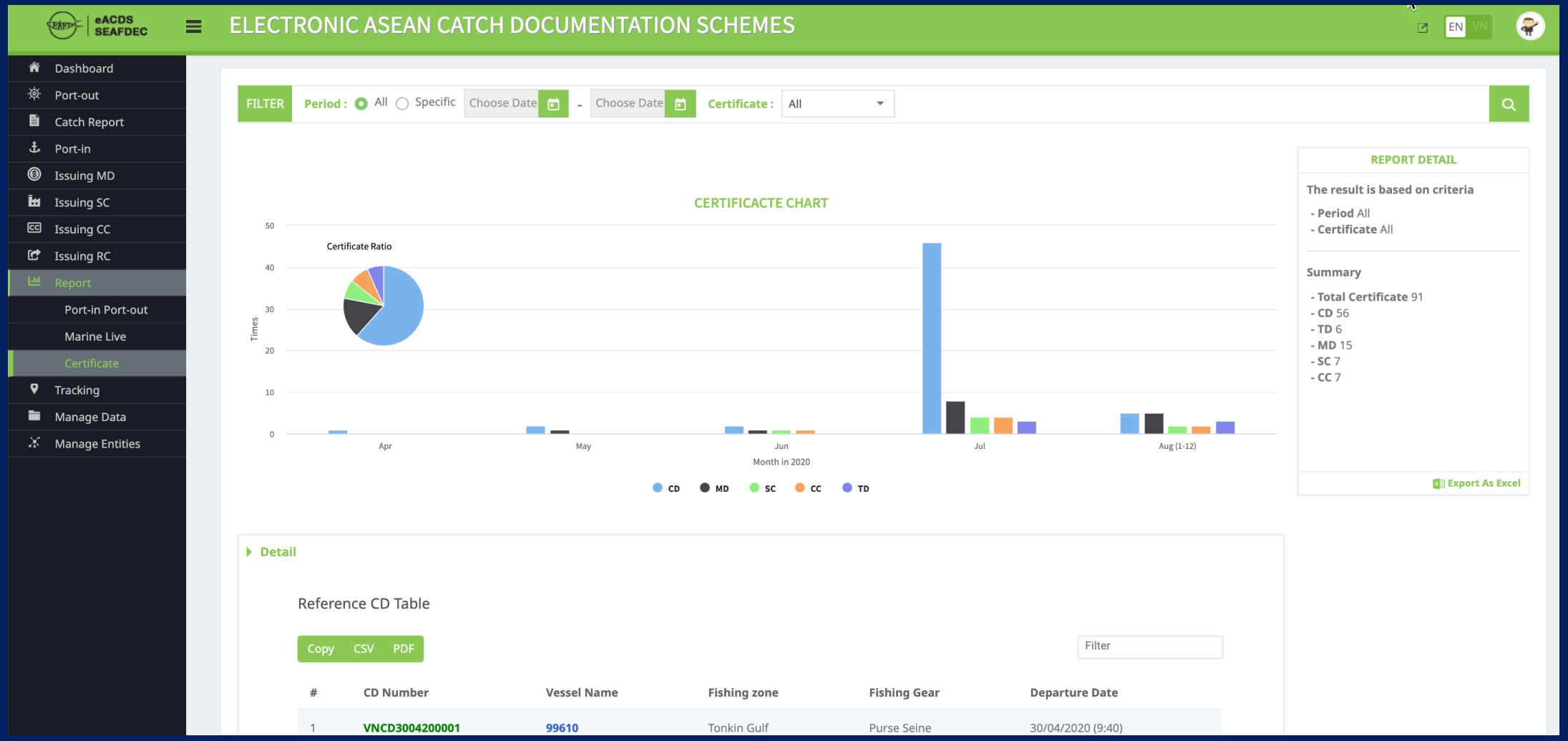
4

The eACDS – Catch Report Application for Transshipment at sea via QR-Code

FEATURE IN eACDS APP.

5

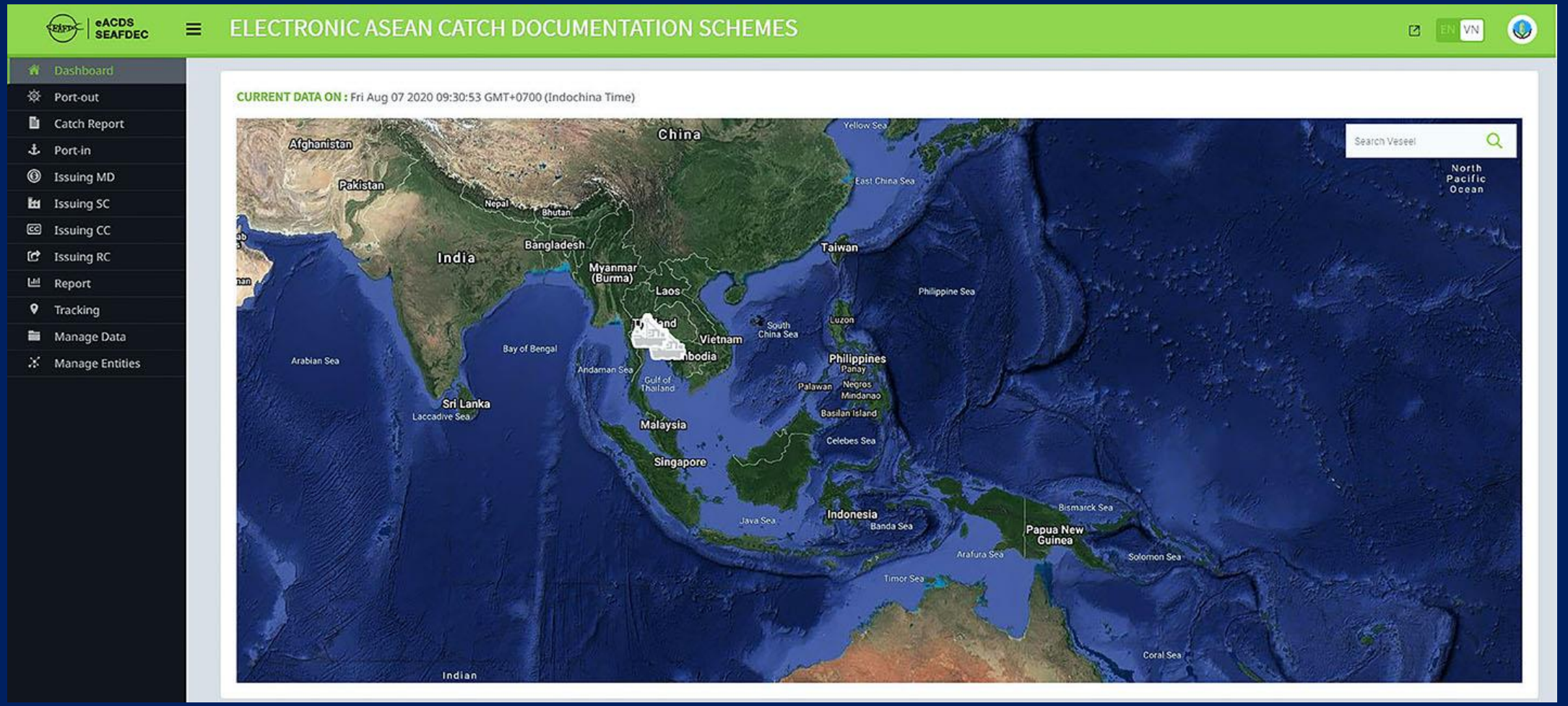
REPORT - Summary Report for Manager



FEATURE IN eACDS APP.

6

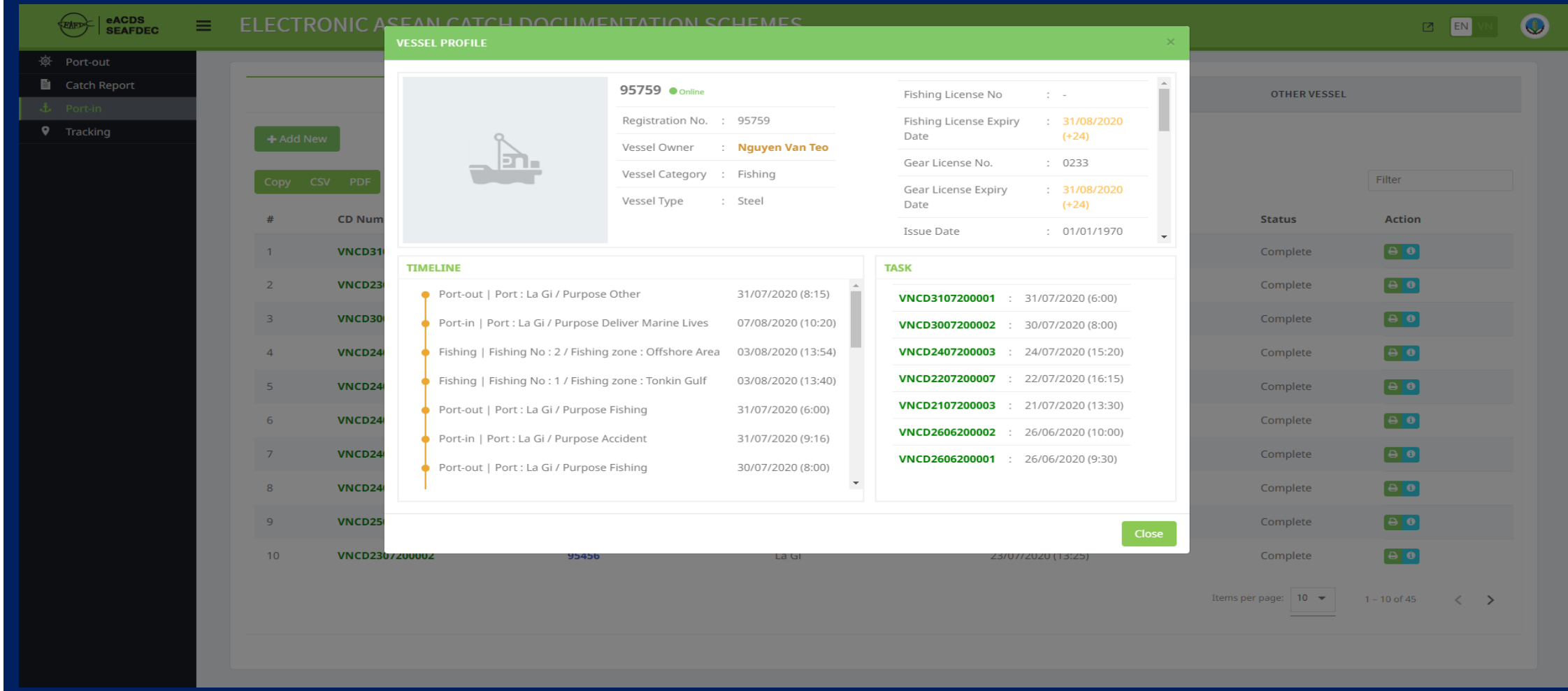
Status of Vessel (Online – Offline) on Mapping



FEATURE IN eACDS APP.

7

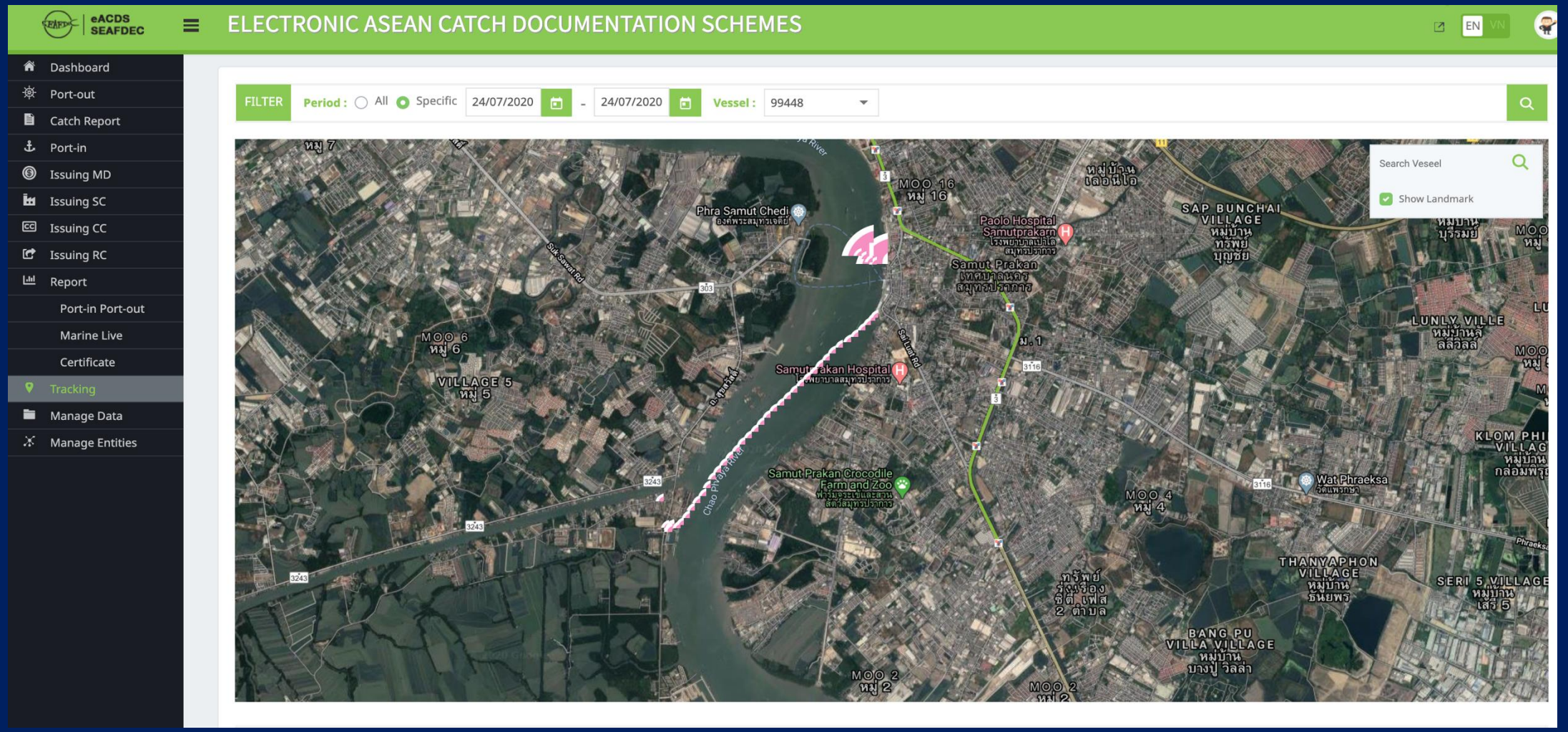
Information and Timeline of Fishing Vessel Activities



FEATURE IN eACDS APP.

8

Vessel Tracking System on eACDS

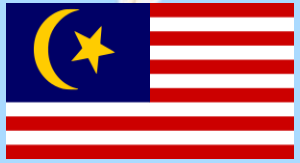


STARTING IMPLEMENTATION OF eACDS

2018

2022

2018

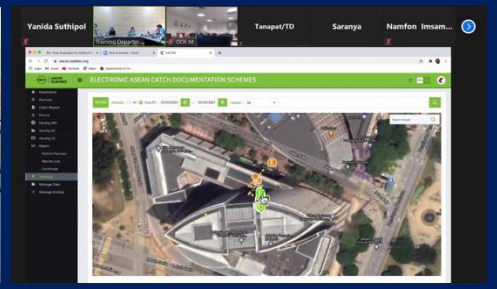


2019

2017

MODULE OF IMPLEMENTATION

1	2	3	4	5
INTRODUCTION	BASELINE SURVEY STATUS ANALYSIS	DEVELOP SYSTEM	TRAINING AND TESTING SYSTEM	IT TRANSFER



ACHIEVEMENT OF IMPLEMENTATION

- Training and demonstration on the practical eACDS application for trainers to the effective implementation of eACDS and transfer their knowledge and understanding to relevant stakeholders.
- Participating countries trial on the use of eACDS application and successfully installed the application on its server.
- Viet Nam developed its electronic catch documentation and traceability (eCDT) based on the eACDS demonstration.

eACDs
electronic ASEAN Catch Documentation Scheme

LET'S START
HOW eACDS DOES IT WORK?

THANK YOU

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COMBATING IUU

For more information, please visit: www.seafdec.or.th