



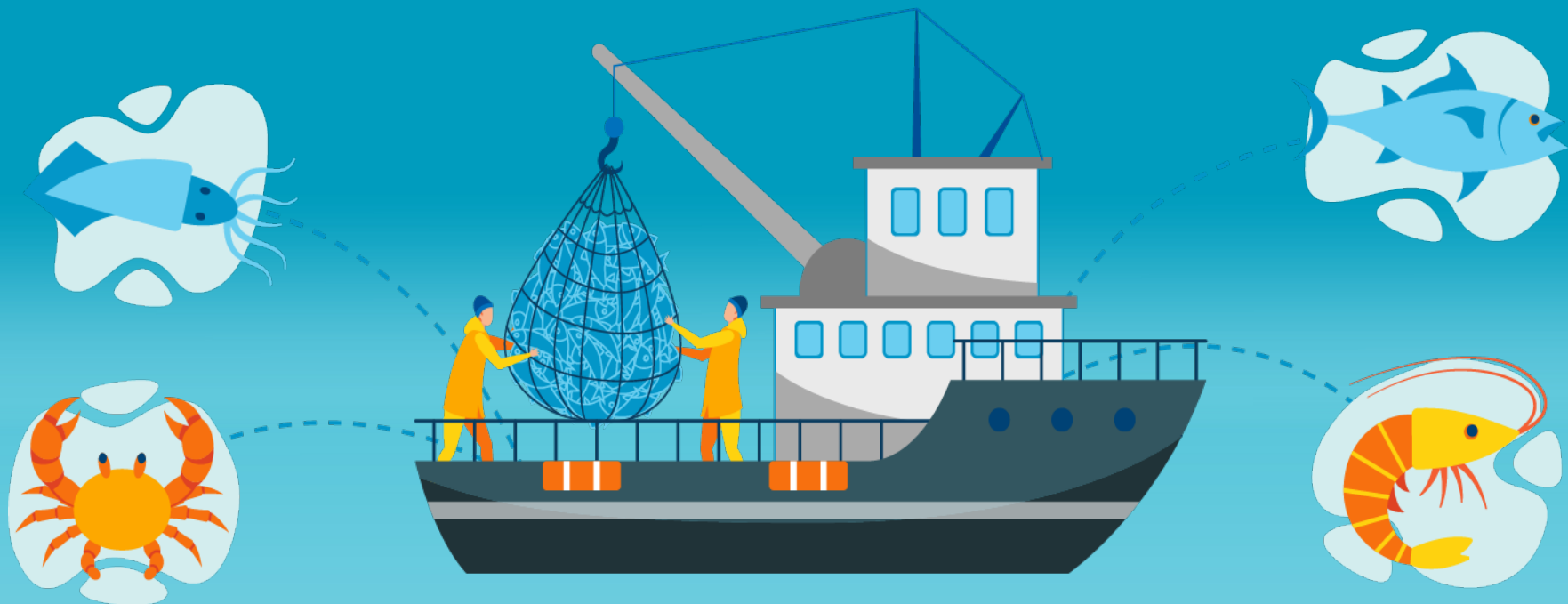
eACDS APPLICATION : OFFLINE TECHNOLOGY FOR CATCH REPORT AT SEA

SEAFDEC Training Department



Supported by
Japanese Trust Fund

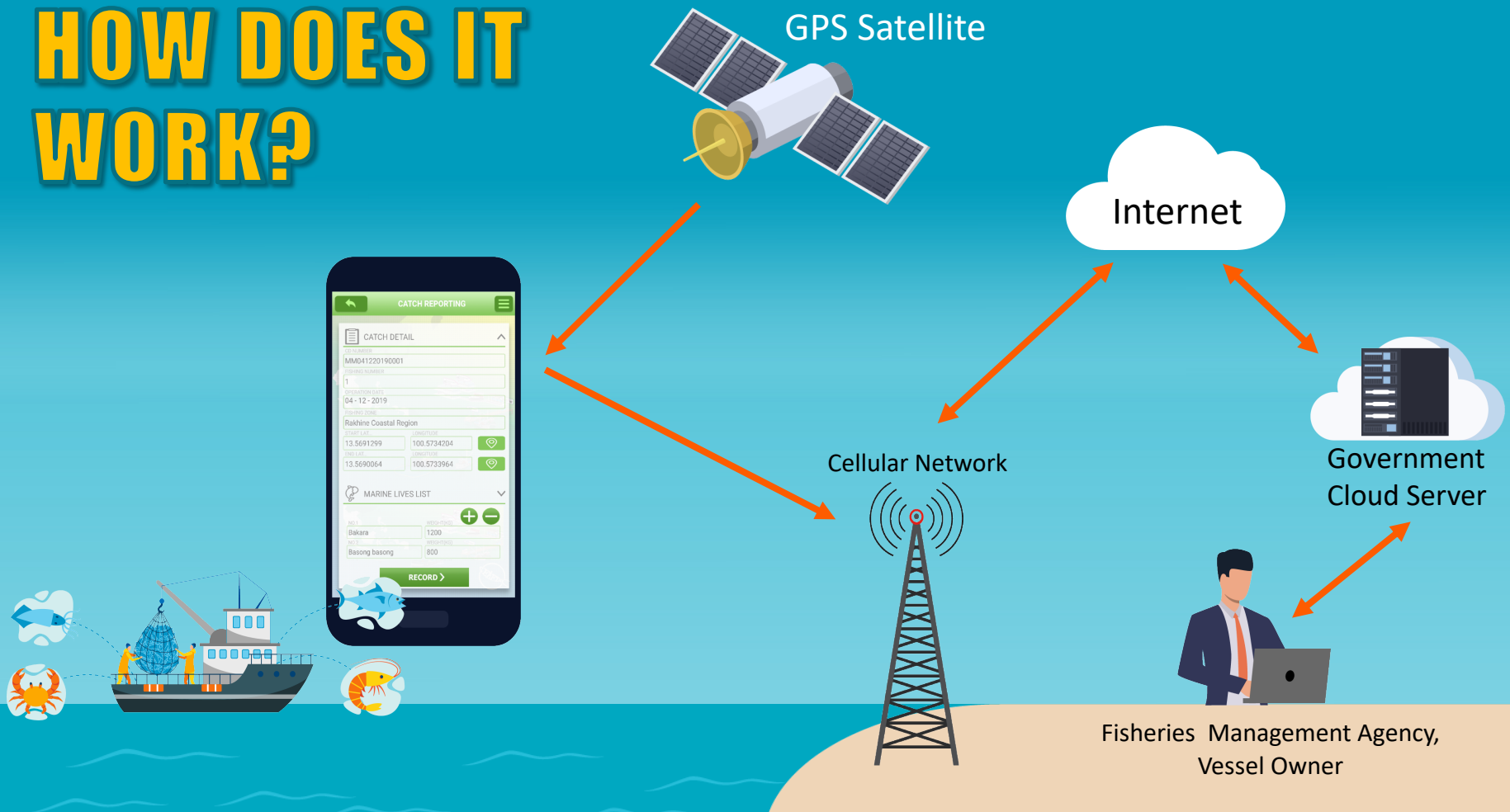




WHAT IS THE MOBILE APPLICATION FOR CATCH REPORT AT SEA?

The mobile application for catch reporting at sea is one of the effective fisheries management tools of the **electronic ASEAN Catch Documentation Scheme (eACDS)** developed by SEAFDEC to enhance ASEAN Member States on traceability of fish and fishery products that entry to the regional supply chains. The application will function in both of online and offline modes which will be helpful and friendly for users like fishing master to operate for at sea reporting of data and information such as date/time, position of fishing operation, quantity of catch by species.

HOW DOES IT WORK?



Using the registered mobile phone, fishing master can record and report their catch and vessel location via the eACDS mobile application **either online and/or offline modes**. Those information will be transmitted to the cloud server whenever the cellular signal is accessible.

WHO USES?

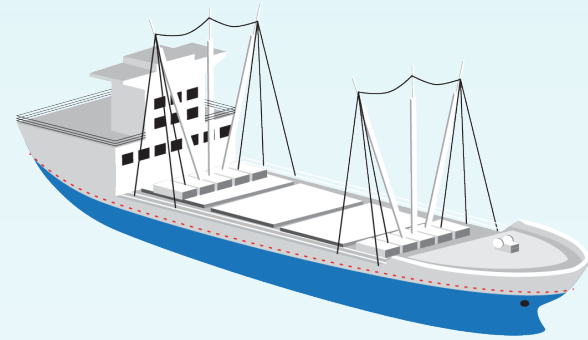
FISHING VESSEL

for Catch Reporting at Sea



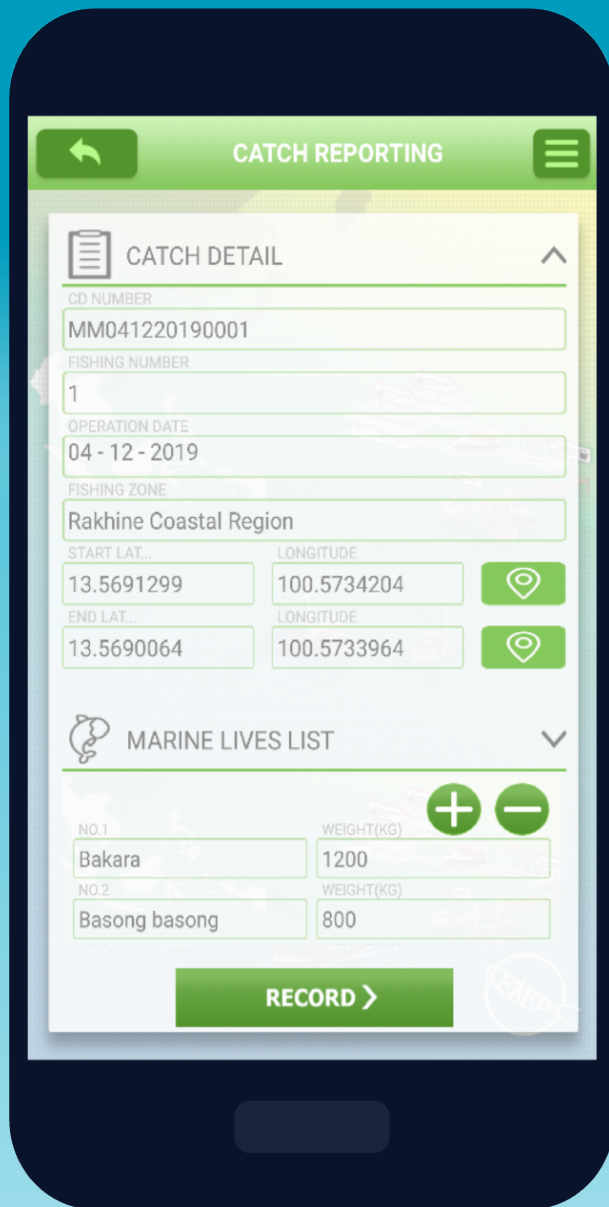

CARRIER VESSEL

**for Record Catch Data from
Fishing Vessel**



The Mobile Application is applied not only for fishing vessels but also carrier vessels to ensure that all catch are recorded properly and to avoid miss reporting.

7 KEY DATA ELEMENTS for Fishing Vessel



CATCH REPORTING

CATCH DETAIL

CD NUMBER
MM041220190001

FISHING NUMBER
1

OPERATION DATE
04 - 12 - 2019

FISHING ZONE
Rakhine Coastal Region

START LAT... LONGITUDE
13.5691299 100.5734204

END LAT... LONGITUDE
13.5690064 100.5733964

MARINE LIVES LIST

NO.	SPECIES	WEIGHT(KG)
NO.1	Bakara	1200
NO.2	Basong basong	800

RECORD >

1

FISHING OPERATION NUMBER

2

FISHING OPERATION DATE

3

FISHING ZONE

4

START POSITION FOR FISHING OPERATION

5

END POSITION FOR FISHING OPERATION

6

SPECIES

7

ESTIMATED WEIGHT (KG.)



6 KEY DATA ELEMENTS for Carrier Vessel



TRANSSHIPMENT

TRANSSHIPMENT DETAIL

SUB_CD NUMBER
MMC060220200001/01

TRANSFER DATE
06 - 02 - 2020

CARRIER VESSEL
Sara-27

TD NUMBER
MMT060220200001

LATITUDE
13.5691709

LONGITUDE
100.5734279

MARINE LIVES LIST

NO.1	WEIGHT(KG)
Bakara	1200
NO.2	WEIGHT(KG)
Basong basong	800

RECORD **TRANSFER**

1

REFERENCE UNIQUE NUMBER
FROM FISHING VESSEL

2

TRANSSHIPMENT DATE

3

CARRIER UNIQUE NUMBER & NAME

4

TRANSSHIPMENT POSITION

5

SPECIES

6

ESTIMATED WEIGHT (KG.)

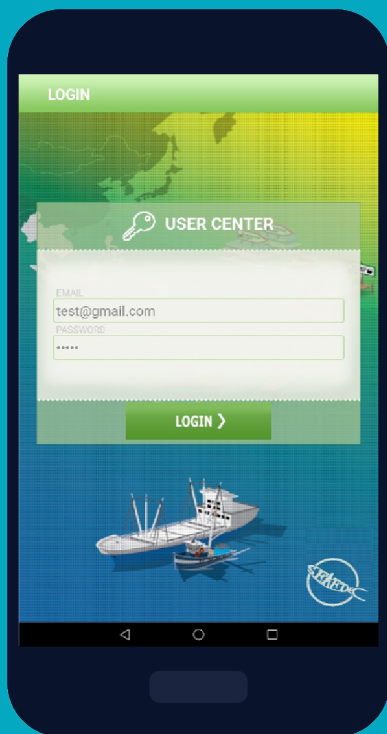


9 FEATURES

The essential eACDS Mobile App. you need to know about

1

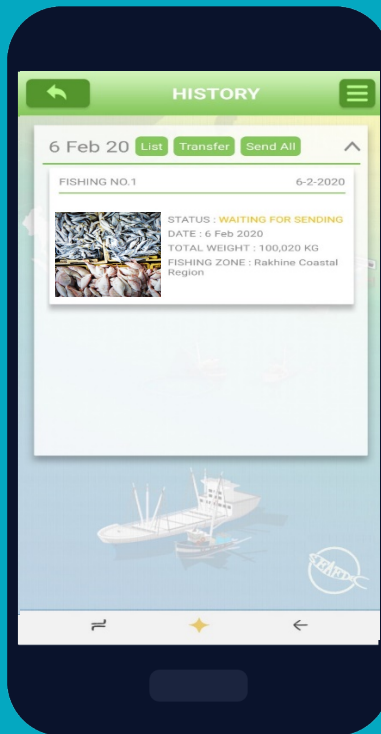
SECURITY LOGIN



Through user's registration process, fishing master can access the system via user's account and password provided.

2

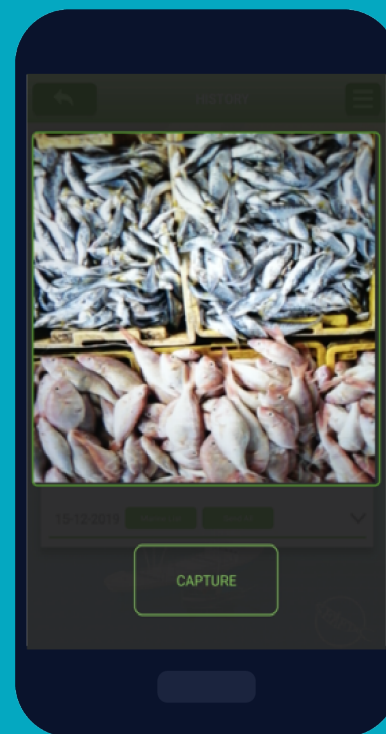
OFFLINE TECHNOLOGY



At sea, catch report can be made in offline mode, and data will be transmitted whenever the cellular signal is accessible

3

TAKE A PHOTO



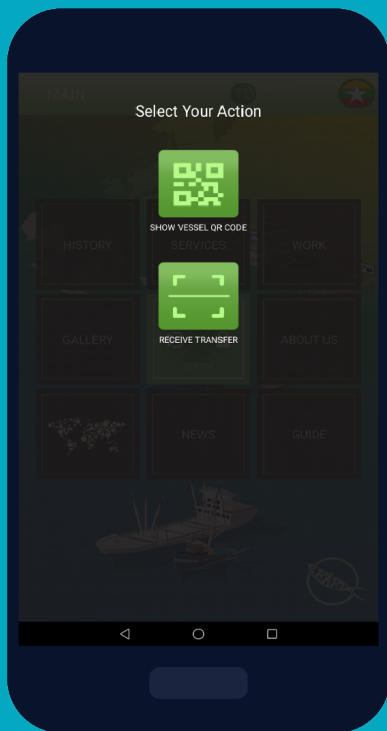
Photograph capture mode make easier catch reporting at each operation

9 FEATURES

The essential eACDS Mobile App. you need to know about

4

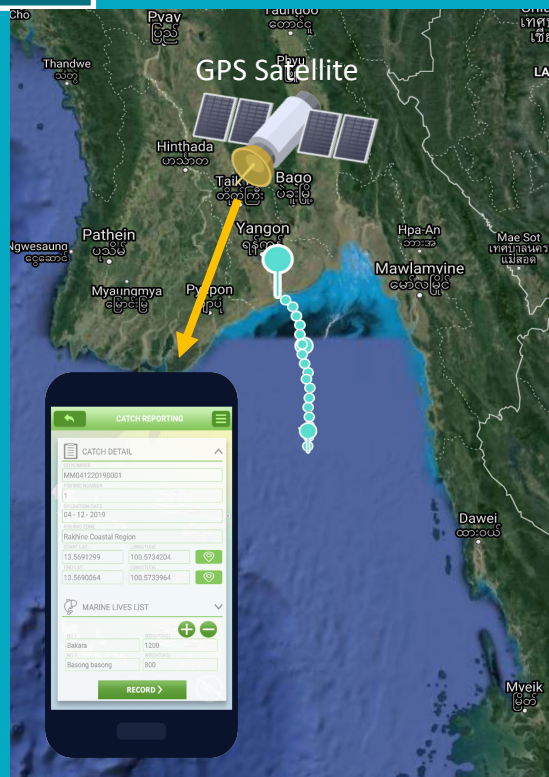
TRANSFER DATA VIA QR-CODE



Transferring of the Transshipment data from fishing vessel to carrier vessel can be made easily via QR-Code

5

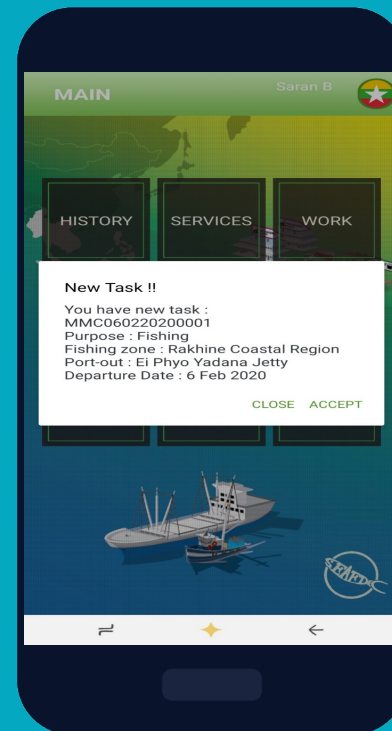
VESSEL TRACKING



Link the GPS module in Mobile Phone, the position and tracking of fishing vessel are recorded and shown on map.

6

NOTIFICATION



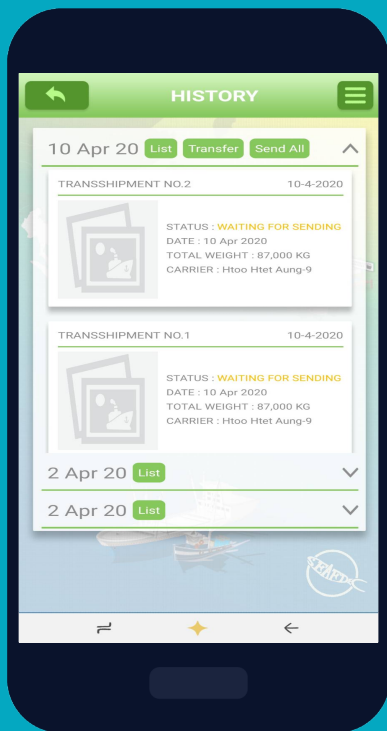
The system sends an alert notification to the fishing master via mobile phone after port out permission was approved

9 FEATURES

The essential eACDS Mobile App. you need to know about

7

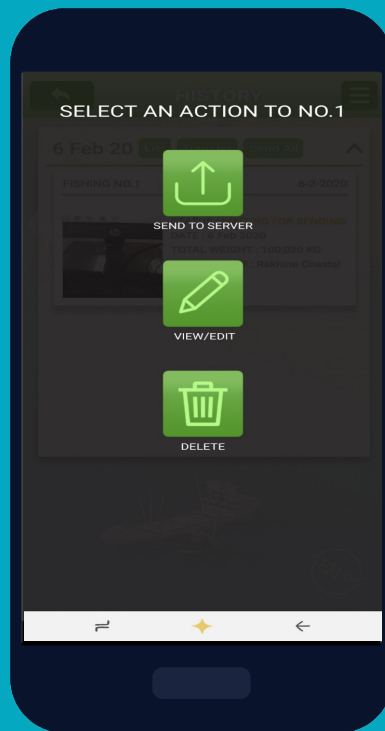
HISTORY RECORD



Fishing master can look back the historical records of those past 3-activities to ensure data corrected record

8

MANAGE DATA



After feature 7, fishing master can Edit/Delete data before submission to the central server.

9

SWITCH LANGUAGE



Mobile app. is designed for ASEAN region, users can switch to their language e.g. Myanmar, Malaysian, Vietnamese, etc.

ADVANTAGE

The advantage of eACDS Mobile Application are:

- 1 Increase security of data and information;
- 2 Decrease paper and photography costs, and promote the concept of “Green Revolution”;
- 3 Ease for operation, recording, transferring the data;
- 4 Applicable to small, medium, and large-scale fishing vessels and/or carrier vessel;
- 5 Less cost, no need to install other GPS devices and VMS for positioning and vessel tracking;
- 6 Support the traceability of marine capture fisheries ;
- 7 Flexible, fast, and proven traceability solutions.