

# Report of the Technical Workshop on Regional Fishing Vessel Record (RFVR) Database Development and Management in Southeast Asia

20-21 August 2014



REGIONAL FISHING VESSEL RECORD (RFVR)  
24 METERS IN LENGTH AND OVER



## WELCOME TO RFVR

Welcome : SEAFDEC

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The Regional Fishing Vessel Record (RFVR) is aimed to support the combating IUU fishing by sharing of information of fishing vessel among the ASEAN Member Countries. The list of basic information of the RFVR for 24 meters in length and over are agreed by Expert Group from ASEAN Member Countries.

VESSEL FLAG :

— Select All —

VESSEL TYPE :

— Select All —

YEAR OF REGISTRATION :

— Select All —

VESSEL NAME  
(ENGLISH LANGUAGE) :

VESSEL NAME  
(LOCAL LANGUAGE) :

SEARCH

CANCEL

SHOW ALL DATA

1 2 3 4 5 ... 13 next

| # | Vessel Flag | Registration Number* | Vessel Name | Vessel Name (Local Language) | Type of Fishing Gear | Year of Registration | Length (m) | More Info |
|---|-------------|----------------------|-------------|------------------------------|----------------------|----------------------|------------|-----------|
| 1 | Indonesia   | AS                   | AS          | AS                           | AS                   | AS                   | AS         | AS        |
| 2 | Indonesia   | AS                   | AS          | AS                           | AS                   | AS                   | AS         | AS        |
| 3 | Indonesia   | AS                   | AS          | AS                           | AS                   | AS                   | AS         | AS        |

TRAINING DEPARTMENT  
Southeast Asian Fisheries Development Center



**Report of**  
**The Technical Workshop on Regional Fishing Vessel**  
**Record (RFVR) Database Development and**  
**Management in Southeast Asia**

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**20-21 August 2014**

**Training Department**

**Southeast Asian Fisheries Development Center**

**TD/RP/180**

**October 2014**



## **PREPARATION AND DISTRIBUTION OF THIS DOCUMENT**

Report of The Technical Workshop on Regional Fishing Vessel Record (RFVR) Database Development and Management in Southeast Asia, Pattaya, Chonburi, Thailand, 20-21 August 2014 was prepared by the Training Department to participants of the meeting, SEAFDEC member countries, SEAFDEC Departments and concerned institutions.

## **BIBLIOGRAPHIC CITATION**

SEAFDEC. 2014. Report of The Technical Workshop on Regional Fishing Vessel Record (RFVR) Database Development and Management in Southeast Asia, Pattaya, Chonburi, Thailand, 20-21 August 2014, Southeast Asian Fisheries Development Center. 55 pp.

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## Contents

|          |  |    |
|----------|--|----|
| I.       | Opening of the Workshop .....  | 1  |
| II.      | Introduction of the Workshop.....  | 1  |
| III.     | Adoption of the Agenda and Arrangements of the Workshop.....                               | 2  |
| IV.      | Progress on Development of the RFVR Database for Vessels 24 meters in length and over..... | 2  |
| V.       | Considering Relevant RFVR Database as a Tool to Combat IUU Fishing.....                    | 6  |
| VI.      | Additional Data Requirements to Increase Effectively and Effectiveness of RFVR.....        | 6  |
| VII.     | Policy Recommendations, Ways Forward for RFVR Database Implementation .....                | 7  |
| VIII.    | Closing of the Workshop.....   | 10 |
| Annex 1  | .....  | 11 |
| Annex 2  | .....  | 16 |
| Annex 3  | .....  | 17 |
| Annex 4  | .....  | 21 |
| Annex 5  | .....  | 23 |
| Annex 6  | .....  | 31 |
| Annex 7  | .....  | 36 |
| Annex 8  | .....  | 50 |
| Annex 9  | .....  | 53 |
| Annex 10 | .....  | 55 |





**REPORT OF THE TECHNICAL WORKSHOP ON  
REGIONAL FISHING VESSEL RECORD (RFVR) DATABASE DEVELOPMENT  
AND MANAGEMENT IN SOUTHEAST ASIA  
20-21 August 2014, Pattaya, Chonburi, Thailand**

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**I. Opening of the Workshop**

1. The “Technical Workshop on Database Development and Management of Regional Fishing Vessel Record (RFVR) in Southeast Asia” was convened from 20 to 21 August 2014 in Pattaya, Chonburi Province, Thailand. The Workshop was attended by representatives from Brunei Darussalam, Indonesia, Malaysia, Myanmar, Philippines, Thailand, and Vietnam. In addition, representatives from the SEAFDEC Secretariat, Training Department, and members of the Regional Fisheries Policy Network (RFPN) for Indonesia, Malaysia, Myanmar, Philippines, and Vietnam also attended the Workshop. The list of participants appears in **Annex 1**.

2. The Secretary-General of SEAFDEC, *Dr. Chumnarn Pongsri* welcomed the participants to the workshop and cited that SEAFDEC has been assisting the Southeast Asian countries in their efforts to combat IUU fishing through the implementation of the Project on the Promotion of Sustainable Fisheries and Countermeasures to Reduce IUU Fishing in Southeast Asia funded by the Japanese Trust Fund (JTF). He also pointed out that one of the activities under this project is the development of a Regional Fishing Vessels Record (RFVR) starting with vessels measuring 24 meters in length and over which together with refined fishing licensing systems, could be used as tools to combat IUU fishing in the region. In order to sustain the establishment of the RFVR for vessels 24 meters and over, SEAFDEC deemed it necessary to develop and manage the relevant database. In this regard, he encouraged the participants to share information and experiences in order to attain the common goal of the workshop as well as that of combating IUU fishing in the region. With that note, he then opened the Workshop. His Opening Remarks appears in **Annex 2**.

**II. Introduction of the Workshop**

3. The Head of Information and Training Division of the SEAFDEC Training Department (SEAFDEC/TD), *Mr. Bundit Chokesanguan* provided brief information about the Project on “Promotion of Sustainable Fisheries and Countermeasures to Reduce IUU Fishing in Southeast Asia which has been implemented by SEAFDEC since 2011. He mentioned that during the implementation of the Project two relevant meetings had been convened, namely: 1) Regional Core Experts Meeting on Fishing License, Boats Registration and Information Gathering on Export of Fisheries Products in Southeast Asia in 2011, and 2) Experts Group Meeting on Fishing Licensing and Boats Registration in Southeast Asia in 2012. As a result of such meetings, TD proposed for the establishment of the RFVR which was approved by the SEAFDEC Council during its 45<sup>th</sup> Meeting in April 2013 in the Philippines. Subsequently, the Special Senior Officials Meeting of the Thirty-Fourth Meeting of the ASEAN Ministers on Agriculture and Forestry (Special SOM-34<sup>th</sup> AMAF) also supported the establishment the RFVR as a tool to combat IUU fishing in the Southeast Asian region.

4. He emphasized that the establishment of the RFVR could not be realized without inputs from the Southeast Asian countries. He added that this Technical Workshop could serve as a forum where national data and information could be compiled and exchanged for the development and management of the database for RFVR which could be made operational during the last quarter of 2014. He also reiterated on the need to improve the understanding of the concerned countries on the rationale of compiling, sharing and utilizing information in the RFVR database as this could serve as a next step forward for managing fishing capacity and combating IUU fishing in the region. He also clarified that at this stage of developing the RFVR database, the size of the fishing vessel is given more focus instead of the operational areas of the vessels. His presentation appears as **Annex 3**.

### III. Adoption of the agenda and arrangements of the Workshop

5. The Agenda which appears as **Annex 4** was adopted.

### IV. Progress on the Development of the RFVR Database for vessels 24 meters in length and over

- *Background and Compilation of the Country's Inputs for the RFVR Database*

6. The Information and Communication Technology Section Head of SEAFDEC/TD, *Mr. Kongpathai Saraphaivanich* presented the background and progress of the compilation of respective country's inputs for the RFVR database (**Annex 5**). He mentioned that in 2013, SEAFDEC/TD sent questionnaires to the Member Countries for them to provide relevant data that could be shared among the countries including the agreed basic information requirements, and updated information on the number of national fishing vessels 24 meters in length and over. Based on the said information provided by the countries, SEAFDEC/TD updated the compiled information as shown in **Table 1**.

*Table 1: Updated information of fishing vessels as shared during the August 2014 Technical Workshop on Database Development and Management of Regional Fishing Vessel Record (RFVR) in Southeast Asia*

| Country           | Total   | Less than 24 meters              | 24 meters and over |
|-------------------|---------|----------------------------------|--------------------|
| Brunei Darussalam | 2,424   | 2,421                            | 3                  |
| Cambodia          | 7,034   | 7,034                            | Nil                |
| Indonesia         | 571,040 | 569,105                          | 1,935              |
| Malaysia          | 57,095  | 56,926                           | 169                |
| Myanmar           | 30,349  | Power 14,222<br>Non Power 15,463 | 664                |
| Philippines       | 474,568 | 472,804                          | 1,764              |
| Singapore         | 36      | 36                               | Nil                |

|          |         |         |     |
|----------|---------|---------|-----|
| Thailand | 44,029  | 43,204  | 825 |
| Vietnam  | 118,789 | 118,416 | 373 |

7. In this connection, the SEAFDEC Program and Policy Coordinator *Dr. Somboon Siriraksophon* suggested that the most up-to-date inputs submitted by the Member Countries should be clearly marked with the corresponding date of updating. He added that the updated information should serve as inputs in the RFVR database for fishing vessels 24 meters in length and over, and that such data should be shared to all ASEAN Member States. However, the Workshop was of the view that the possibility of sharing all data and information in the RFVR database and the accessibility of the ASEAN Member States in the said database should be approved by higher authorities of the ASEAN Member States.

8. Furthermore, the Senior Advisor to SEAFDEC, *Dr. Magnus Torell* informed the Workshop that the current procedure of national fishing vessel registration in Cambodia is under the Ministry of Public Works and Transport. It is expected that this RFVR program could provide a very helpful reference to Cambodia in its effort of formulating the country's national plan of action for combating IUU fishing.

- *Data sample problems*

9. The Information Technology Officer of SEAFDEC/TD, *Ms. Namfon Imsamrarn* expressed the concern that some data sample problems have been encountered by the technical team during the encoding of the countries' information in the initial trial operation of the RFVR database. She mentioned that 720 sets of data have been received from seven ASEAN Member States, namely: Brunei Darussalam, Indonesia, Malaysia, Myanmar, Philippines, Thailand, and Vietnam. However, some Member States provided the vessel registration number instead of vessel name, and some parameters in the data set were missing. In this regard, she proposed to add one more parameter which is vessel registration number in the database system. Her presentation appears as **Annex 6**.

10. In this connection, the representative from Thailand expressed the concern that the Department of Fisheries (DOF) of Thailand may not be able to provide the necessary information as it does not have authority to share vessel registration number and related information. While recognizing that other countries may have different internal mechanism for sharing data and information on fishing vessel registration, *Mr. Bundit Chokesanguan* suggested that the Member States should try to explore the possibility of acquiring such information, while SEAFDEC for its part would communicate with the Member States for them to provide additional inputs into the RFVR database.

11. With regards to the missing data and information in the countries' inputs, *Dr. Somboon Siriraksophon* pointed out that some countries might not have to complete the record of all 23 parameters as agreed earlier by the Member States. However, the ID information, such as the name of fishing vessel in the case of Indonesia and the registration number in the cases of Malaysia and Vietnam, these were the most important information of the vessel that could identify as IUU fishing, and therefore must be included in countries' inputs.

12. In supporting such recommendation, other countries clarified their inability to provide complete data in their respective inputs that resulted in missing information in the database. Nevertheless, the countries expressed their willingness to provide as much data as possible that would go into the RFVR database and minimize any missing data in the future.

13. In response to the query of the Deputy Secretary-General of SEAFDEC, *Mr. Hajime Kawamura* about the expiration of fishing licenses in each member country, it was explained that the validity of fishing licenses could vary, such as in Myanmar, Malaysia, Thailand, Vietnam, Indonesia and Brunei Darussalam where fishing licenses are valid for one (1) year, while for the Philippines the validity is three (3) years.

14. While raising the concern about the source of inputs that could go into the RFVR database, *Dr. Somboon Siriraksophon* took Thailand as an example where fishing vessel registration system is under the Marine Department (MD) while issuance of fishing licenses is through the Department of Fisheries (DOF). In this regard, he encouraged the countries to exert more effort in providing the necessary inputs by coordinating with concerned national agencies, starting with fishing vessel registration systems and that the experiences of other countries related to this issue should be shared.

15. The representative from Indonesia cited that the inputs of Indonesia were derived from the data source of the Directorate General of Capture Fisheries (DGCF). For Myanmar, the authority of providing fishing vessel registration is the Department of Maritime Administration (DMA) and the fishing license system is under the Department of Fisheries (DOF). In the Philippines, the Department of Transportation and Communication (DOTC)-Maritime Industry Authority (MARINA) has the authority to issue fishing vessel registration while issuance of fishing vessel and gear licenses are the responsibility of the Department of Agriculture-Bureau of Fisheries and Aquatic Resources (DA-BFAR) but all detailed information on fishing vessels are kept in the data source of DA-BFAR.

16. Moreover, *Mr. Hajime Kawamura* raised the concern about the possibility that a fishing boat is registered by a country but its fishing license may be issued by another country. In this regard, he pointed out that such two sources of data should also be considered in addressing problems related to the development of the database. In addition, *Dr. Magnus Torell* shared his experiences and underlined that each country needs to consider the ways to boost cooperation between two recording systems as well as inter-agency collaboration in respective Member States.

17. After the ensuing discussion, the Workshop made the following recommendations:
- All ASEAN Member States should as much as possible try to fill up the 23 parameters in the RFVR database as minimum requirements.
  - All ASEAN Member States should consider adding the registration number as an additional parameter into the RFVR database.
  - Information on expiration dates of vessel registration and licensing should be included in the country's respective inputs.

- *Introduction and management of the RFVR Database*

18. In introducing the development and management of the RFVR Database, *Ms. Namfon Imsamrarn* informed the Workshop that the main structures of database system are divided

into 3 (three) parts, namely: Data Search, Result Data, and Export Data. In order to search for information, 5 (five) parameters are used, such as vessel flag, vessel type, year of registration, vessel name, and local vessel name. The result of data search would show 20 records per page. In addition, she explained about the procedure on how to access to the database. Her presentation appears in **Annex 7**.

19. In this regard, the representative from the Philippines suggested that the technical team could consider increasing the limitation of records in one page from twenty to fifty datas. Meanwhile, the representative from Thailand requested for clarification on the term “vessel type” in data search tab, and suggested that this label could be change to “gear type.” However, *Somboon Siriraksophon* reiterated that all original data from the countries’ inputs remain intact after importing these to the RFVR database, and also explained the concept of using the compound noun “vessel type”. In this connection, he recommended that the label “vessel type” could be kept.

20. In response to the concern raised by the representative from the Philippines on the security of information access, *Dr. Somboon Siriraksophon* informed the Workshop that an account, including username and password, will be provided to each Member State channelled through the Council Director. Since SEAFDEC will have no influence in controlling the authority for information access after sending the username and password to respective countries, he suggested that the countries should responsible for the security of information access. In addition, while emphasizing the important role of the focal point in each country, he assured the countries that if their inputs could all be submitted by the end of September 2014, a trial version of the RFVR database could be introduced in November 2014.

21. While pointing out the inappropriateness of the label “local name” in the data search tab, the representative from Vietnam suggested such label could be replaced by a more appropriate factor, such as registration number. During the discussion, the Workshop supported such suggestion of Vietnam.

22. In response to the concern of the representative from Indonesia about the mechanism of dealing with IUU fishing activities in the region, *Mr. Hajime Kawamura* underlined the concept of the RFVR program which does not intend to come up with IUU fishing vessel lists. The program however, promotes the use of the RFVR database as tool to combat IUU fishing in the Southeast Asian region.

23. While responding to the query of the representative from Malaysia on how the RFVR database could help detect a double flagging vessel, *Dr. Somboon Siriraksophon* suggested that once all inputs in the database are made available, a comparison could be made by concerned countries considering all the required parameters. The result could show possible double flagging vessel. *Dr. Magnus Torell* added that sharing of information among Member Countries are very important to address such as case.

24. After the discussion, the Workshop made the following recommendations:

- All Member Countries could exclude the label “local name” from the data search tab of the RFVR database.
- All Member Countries should consider including data on the registration number of fishing vessel to the RFVR database.

- The data field “vessel type” should be maintained in the RFVR database.
- All Member Countries should consider submitting the most up-to-date information to SEAFDEC by the end of September, 2014.

## V. Relevant RFVR databases as tools to combat IUU fishing

- *Case studies from RFMOs, FAO, etc.*

25. In presenting the Relevant Vessel Records as Management Tools to Combat IUU Fishing (**Annex 8**), *Dr. Somboon Siriraksophon* highlighted on the root cause of IUU fishing which is the lack of effective flag state control regulations so that possible solutions could be implemented by authorities at national, regional and international levels. He summarized the various vessel records under some RFMOs such as CCSBT, ICCAT, IATTC WCPFC, and IOTC and stressed the importance of RFVR database system for the ASEAN to combat IUU fishing in the region, especially poaching in fishing areas of the EEZs of neighboring countries as well as landings of fish/catch across bordering countries. In stressing some IUU fishing practices in the region, he cited examples gathered from newspapers where fishing boats of other countries had been apprehended inside some countries’ territorial waters because of illegal fishing.

- *Enhancing the RFVR as an effective tool to combat IUU fishing*

26. In order to improve the use of the RFVR database as a tool to combat IUU fishing, representatives from Brunei Darussalam, Indonesia, Myanmar, the Philippines, suggested that the name of vessel owner could be included in the database. However, the representative from Thailand was of the opinion that before proceeding with such move, the vessel owner’s permission should be sought for such information to be submitted to SEAFDEC due to the countries’ Information Sharing Policy. Therefore, factors that could enhance the RFVR as suggested during the Workshop should be carefully reviewed such as name of vessel owner, vessel registration number and International Maritime Organization (IMO) number, before these are included as additional data for the basic requirements of the RFVR database.

## VI. Additional data requirements to increase efficiency and effectiveness of RFVR

27. Additional Data Requirements to Increase Efficiency of the RFVR and Effective Management of the System (**Annex 9**) were introduced by *Dr. Somboon Siriraksophon* reiterating that seven (7) Member States have submitted some data as agreed earlier, on the 23 basic requirements for the establishment of RFVR database and that these countries agreed to share the information with other ASEAN Member States. He added that based on the Workshop discussion, the countries agreed to submit the rest of their data inputs in excel format by September 2014 and that SEAFDEC would update the information in the database after which it will go on trial by October 2014. In this connection, online trials of the database could be done by the countries within November 2014. In addition, the Workshop agreed to set-up national focal points to be responsible for consolidating inputs from relevant national agencies and coordinating with SEAFDEC in updating data inputs into the RFVR database. Moreover, SEAFDEC would define the roles and responsibilities of the focal point which should be disseminated to all ASEAN Member States (AMSS) for their immediate reference.

28. Furthermore, the Workshop suggested that AMSs should regularly update their respective inputs to the database at least once a year considering that SEAFDEC intends to update the inputs twice annually which could be in June and December. In this connection, SEAFDEC would send a formal request for the AMSs to submit all data and information that are still valid or the most updated, in electronic file (excel format). The Workshop was also informed that while the new list of vessel information would be updated in the database, the previous records would be kept in the system for crosschecking and analysis. The countries were also requested that information on changes of the status of fishing vessel registration and licensing *e.g.*, delisted, de-registration, change of vessel's ownership, and reissuance of fishing licenses should be provided to SEAFDEC, as and when necessary. The Workshop noted that progress on the establishment of the RFVR database would be reported to the 17<sup>th</sup> FCG/ASSP in December 2014 and subsequently to the 23<sup>rd</sup> ASWGFI in 2015.

29. More importantly, the Workshop agreed to consider having additional three (3) data, *i.e.* name of vessel owner, vessel registration number and IMO number to be included in the basic requirements for data inputs into the RFVR database, taking into account the following considerations: *Firstly*, for the vessel owner information, the Member Countries signified to provide the data as needed, except Thailand which in view of its national policy, still needs to ask permission from vessel owners which could take some time to process. *Secondly*, for the vessel registration number, representatives from all countries expressed their willingness to provide such information. *Lastly*, for the IMO number, this could be optional for the countries to provide to SEAFDEC, only if the data is available.

## VII. Policy Recommendations, Ways Forward for RFVR Database Implementation

30. To summarize, the policy recommendations and ways forward for the RFVR database for vessels 24 meters in length and over, are as follows: *Firstly*, the AMSs represented at the Workshop, namely: Brunei Darussalam, Indonesia, Myanmar, Malaysia, Philippines, Thailand, and Vietnam agreed in principle to include additional information, *i.e.* vessel registration number, vessel owner's name and IMO number (if available) in the RFVR database system. Therefore, the RFVR database would now contain 26 items corresponding to the basic information requirements. However, Thailand would consider sharing of vessel owner's name only after consultation with national authorities concerned in view of its national law on personal data sharing. Meanwhile, the Workshop also agreed to include more detailed information under the 'shipyard' category such as names and addresses of ship builders, if available. Thus, the basic information requirements for RFVR for 24 meters in length and over had also been updated as shown in **Table 2**

Table 2: Updated basic information requirements for RFVR database for vessels 24 meters in length and over

| Information on fishing vessels | Information on fishing vessels          |
|--------------------------------|---|
| 1. Name of vessel              | 14. Engine Brand                        |
| 2. Vessel Registration Number  | 15. Serial number of engine             |
| 3. Owner Name                  | 16. Hull material                       |
| 4. Type of fishing method/gear | 17. Date of registration                |
| 5. Port of registry            | 18. Area (country) of fishing operation |
| 6. Gross tonnage (GRT/GT)      | 19. Nationality of vessel (flag)        |
| 7. Length (L)                  | 20. Previous name (if any)              |
| 8. Breadth (B)                 | 21. Previous flag (if any)              |

| Information on fishing vessels    | Information on fishing vessels       |
|-----------------------------------|--------------------------------------|
| 9. Depth (D)                      | 22. Name of captain/master           |
| 10. Engine Power                  | 23. Nationality of captain/master    |
| 11. Shipyard/Ship Builder         | 24. Number of crew (maximum/minimum) |
| 12. Date of launching             | 25. Nationality of crew              |
| 13. International Radio Call Sign | 26. IMO Number (If available)        |

31. *Secondly*, the RFVR database for vessels 24 meters in length and over would be shared with all AMSs including Cambodia, Lao PDR, and Singapore while sharing such information with the public, particularly the RPOA-IUU Secretariat should be addressed only upon consideration and approval by the ASEAN and SEAFDEC high level authorities *i.e.*, SEAFDEC Council of Directors, FCG/ASSP, ASWGFI, SOM, SOM-AMAF.

32. *Thirdly*, for the RFVR database system to be effective in combating IUU fishing, active fishing vessel list should be provided by countries to SEAFDEC at least once a year for updating the database and updating period should be standardized. However, the proposed bi-annual updating in the month of June and December every year was endorsed by the Workshop, although Indonesia would confirm the said updating period only after conducting a national discussion.

33. *Fourthly*, five (5) important categories could be included under the search function *i.e.*, vessel flag, vessel type, vessel registration number, vessel name, and international radio call sign. The user account and password would be provided to all AMSs separately via the SEAFDEC Council Directors channel by November 2014.

34. *Fifthly*, to enhance the usage of the RFVR database system, IUU vessels such as poaching and double flagging vessels could be shared with SEAFDEC and other AMSs for information and recording purposes. However, this proposal needs thorough discussion by higher level authorities of SEAFDEC and the ASEAN.

35. Last but not least, for the purpose of ensuring security of information, user account and password are required to be able to access the RFVR database system.

36. Moreover, the Workshop agreed on the ways forward for the RFVR database for vessels 24 meters in length and over. Concerned AMSs should submit the vessel information based on the current number of vessels as reported earlier to TD in excel format by 30 September 2014. SEAFDEC will upload such information to the RFVR database system by end of October 2014.

37. Each AMS should nominate its focal point to be in-charge of providing information from respective countries for the RFVR database. In this regard, SEAFDEC would send official communications to concerned AMSs requesting for the focal point nomination and vessel information for the RFVR database through their respective Council Directors, together with roles and responsibilities of the focal point for reference. As for Cambodia, Lao PDR and Singapore, SEAFDEC will also send official communications updating them on the outputs of the Workshop and requesting also for the national focal point nominations.

38. For improvement and monitoring of the RFVR database system, the Workshop decided that another regional meeting would be organized in 2015 to follow up and monitor



on the implementation of the RFVR database system. The summary of the ways forward is shown in **Table 3**.

*Table 3: Summary of ways forward on the RFVR for vessels 24 meters in length and over*

| Activity  | Timeframe                     | Remarks  |
|---|-------------------------------|--|
| • Submission of all RFVR vessel informations based on current number of fishing vessels to TD in Excel format by concerned AMSs                                     | End of 30 Sept. 2014          | Official letter from SEAFDEC to Council Directors for 7 AMSs as early as possible  |
| • Uploading of all vessel information to the RFVR system  | By end of October 2014        | by SEAFDEC/TD  |
| • Nomination of National Focal Point/contact person for concerned AMSs  | Now to end of October 2014    | SEAFDEC to send official letter together with request for updating data            |
| • Online trials for the RFVR database system  | From November - December 2014 | Account Name and Password to be provided to all AMSs via Council Directors and NFU |
| • Reporting of progress on establishment of RFVR to the 17 <sup>th</sup> FCG/ASSP   | 4-5 December 2014             | by SEAFDEC/TD  |
| • Improvement of the RFVR based on the comments from AMSs after online trials   | From January- February 2015   | The RFVR Database system completed   |
| • Launching of the RFVR database system for vessels 24 m in length and over at the 47 <sup>th</sup> CM  | April 2015                    | by SEAFDEC/TD  |
| • Reporting of progress on establishment of the RFVR to 23 <sup>rd</sup> ASWGF  | June-July 2015                | by SEAFDEC/TD  |
| • 1 <sup>st</sup> updating of the RFVR  | April-October 2015            | See table 2  |
| • Regional meeting for monitoring the RFVR database system of vessels 24 m in length and over, and discussion on proposed RFVR for vessels less than 24 m in length | June-August 2015              |  |

39. Meanwhile, *Mr. Kongpathai Saraphaivanich* informed the Workshop on the proposed activities for the development of RFVR Database for vessels below 24 meters in length. He also presented the features of vessels that could be categorized below 24 meters based on the Global Record and information from FAO.

40. While noting that categorization of vessels below 24 meters in length in respective Southeast Asian countries is based on vessel length, engine capacity, vessel volume, and fishing zone while gross tonnage is used to classify the vessels under the Fishery Statistical Bulletin for Southeast Asia published by SEAFDEC. The Workshop suggested that such differences should be settled.

41. Nevertheless, in view of the insufficiency of information on fishing vessels below 24 meters in length, the Workshop agreed that this matter would be thoroughly discussed again. In this connection, the Workshop agreed that another regional meeting would be organized in 2015 to follow up and monitor on the implementation of the RFVR database system for vessels 24 meters and over as well as to consider the development of RFVR for vessels below

24 meters in length, with the objective of using such RFVR as a tool in combating IUU fishing activities.

42. In this regard, SEAFDEC/TD was requested to communicate with AMSs to obtain the necessary data and information on fishing vessels below 24 meters in length.

### **VIII. Closing of the Workshop**

43. The SEAFDEC Deputy Secretary General and Deputy Chief of TD, *Mr. Hajime Kawamura* expressed his gratitude to the participants for their active participation during the two-day Workshop. He assured with the Workshop that SEAFDEC would strengthen the collaborative atmosphere to enhance the countries' management efforts towards combating IUU fishing in the region. Considering that this Workshop is only one of such efforts, intensifying the promotion of RFVR Database could eventually pave the way towards reducing IUU fishing in this region. After those words for reflection, he then closed the Workshop. His Closing Remarks appears as **Annex 10**.



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## **OPENING ADDRESS**

***Dr. Chumnarn Pongsri***  
**SEAFDEC Secretary General & Chief of TD**  
**Technical Workshop on Regional Fishing Vessel Record (RFVR)**  
**Database Development and Management in Southeast Asia**  
**Pattaya, Chonburi Province, Thailand, 20-21 August 2014**

Distinguished Guests, Participants, Ladies and Gentlemen, Good morning!

It is indeed with great pleasure that I welcome you all to this “Technical Workshop on Regional Fishing Vessel Record (RFVR) Database Development and Management in Southeast Asia”. We are all aware that SEAFDEC has been assisting the Southeast Asian countries in their efforts to combat IUU fishing through the implementation of the project on the Promotion of Sustainable Fisheries and IUU Fishing-related Countermeasures in Southeast Asia funded by the Japanese Trust Fund (JTF). One of main activities of the project is the Promotion of countermeasure to reduce IUU fishing, carried out through a series of regional meetings and workshops. One of the activities under this project is the development of a Regional Fishing Vessels Record (RFVR) starting with vessels measuring 24 meters in length and over during the first phase, which could be expanded later with the recording of vessels measuring less than 24 meters. Moreover, assistance has also been extended by SEAFDEC to the countries in the region in their endeavors of improving their respective fishing licensing systems to conform to regional and international requirements. It is envisioned that this regional fishing vessels record together with the refined fishing licensing systems could be effectively used as fisheries management tools in combating IUU fishing in the Southeast Asian region.

In response to implement, the SEAFDEC Training Department organizes this two-day Technical Workshop on Regional Fishing Vessel Record (RFVR) Database Development and Management in Southeast Asia, which could be utilized by concerned Member Countries in managing fishing capacity and as tool to combat IUU fishing in their respective countries.

Although the task of forestalling IUU fishing in our region is colossal, we hope that we could work effectively together towards attaining our common goal. We are confident that we could achieve such goal by setting our sights to the sustainability of the fishery resources for the food security of all peoples in our region, today and in the days to come.

With that, Ladies and Gentlemen, I take great pleasure in declaring this important Workshop open. I look forward to the success of this Workshop, and await the recommendations that you would arrive at during the discussions, which SEAFDEC and the Member Countries could use for combating IUU fishing in the Southeast Asian region as our way forward. Thank you once again and good day!





## **TECHNICAL WORKSHOP ON REGIONAL FISHING VESSEL RECORD (RFVR) DATABASE DEVELOPMENT AND MANAGEMENT IN SOUTHEAST ASIA**

### **INTRODUCTION**

SEAFDEC has been assisting the Southeast Asian countries in their efforts to combat IUU fishing through the implementation of the project on the Promotion of Sustainable Fisheries and IUU Fishing-related Countermeasures in Southeast Asia funded by the Japanese Trust Fund (JTF). One of main activities of the project is the Promotion of Fishing License, Boats Registration, and Port State Measures in Southeast Asia, carried out through a series of regional meetings. One of the activities under this project is the development of a regional record of fishing vessels starting with vessels measuring 24 meters in length and over during the first phase, which could be expanded later with the recording of vessels measuring less than 24 meters. Moreover, assistance has also been extended by SEAFDEC to the countries in the region in their endeavors of improving their respective fishing licensing systems to conform to regional and international requirements. It is envisioned that this regional fishing vessels record together with the refined fishing licensing systems could be effectively used as fisheries management tools in combating IUU fishing in the Southeast Asian region.

The Regional Core Experts Meeting in Fishing License, Boats Registration and Information on Export of Fisheries Products in Southeast Asia, and Experts Group Meeting on Fishing Licensing and Boats Registration in Southeast Asia were organized in 2011 and 2012, respectively. During these Experts Meetings, an agreement was reached by the SEAFDEC Member Countries on the compilation of the RFVR which could focus on the information of larger fishing vessels with length from 24 meters and over. Subsequently, SEAFDEC/TD submitted the proposed establishment of the RFVR for consideration of and approval by the SEAFDEC Council during its 45th Meeting in April 2013 in the Philippines. Furthermore, the Special Senior Officials Meeting of the Thirty-Fourth Meeting of the ASEAN Ministers on Agriculture and Forestry (Special SOM-34th AMAF) also supported the establishment of the RFVR as a tool to combat IUU fishing in the Southeast Asian region. Moreover, the 46<sup>th</sup> Meeting of the SEAFDEC Council in April 2014 in Singapore also endorsed the proposed RFVR activity plan.

Therefore, to continue this activity, “The Technical Workshop on Regional Fishing Vessel Record (RFVR) Database Development and Management in Southeast Asia” will be organized to develop the RFVR database on vessels 24 meters in length and over, which could be utilized by concerned Member Countries in managing fishing capacity and as tool to combat IUU fishing in their respective countries.

### **OBJECTIVES**

1. Compile and exchange national data and information to be used as inputs for the development of the RFVR Database during the last quarter of 2014



2. Improve the understanding of concerned Member Countries on the need to compile, share and utilize information in the RFVR Database in their efforts to combat IUU fishing by the end of 2014
3. Chart the next step program of activities for the implementation of the RFVR Database in managing fishing capacity and combating IUU fishing in the region

## **PARTICIPANTS**

1. Two officers (**one is responsible for policy consideration and the other is responsible for the compilation of data and database management for the fishing vessels record**) from Brunei Darussalam, Indonesia, Malaysia, Myanmar, the Philippines, Thailand and Vietnam
2. Representatives from the SEAFDEC Secretariat and Training Department

## **DATE AND VENUE**

20-21 August 2014 in Pattaya, Chonburi Province, Thailand

## **EXPECTED OUTPUTS**

1. RFVR Database to serve as a tool for the Member Countries in combating IUU fishing
2. Consensus among the Member Countries on the need to compile, share and utilize data in the RFVR Database to combat IUU fishing
3. Next step program of activities for the implementation of the RFVR Database by Member Countries in managing fishing capacity and combating IUU fishing
4. Coordination among Member Countries in the usage of the RFVR Database as a tool to combat IUU fishing

**Agenda 3**

# INTRODUCTION OF THE WORKSHOP

Technical Workshop on  
RFVR Database Development and Management in Southeast Asia  
20-21 August 2014  
Pattaya City, Chonburi Province, Thailand

## Promotion of Counter Measures to Reduce IUU Fishing

↓

- 1) Regional Core Experts Meeting on Fishing License, Boats Registration and Information Gathering on Export of Fisheries Products in Southeast Asia in 2011,
- 2) Experts Group Meeting on Fishing Licensing and Boats Registration in Southeast Asia in 2012

↓

### Regional Fishing Vessels Record (RFVR)

↓ ↓ ↓

The 45<sup>th</sup> SEAFDEC  
Council Meeting

SPECIAL SOM-34<sup>th</sup> AMAF

The 46<sup>th</sup> SEAFDEC  
Council Meeting

① **The Regional Core Experts Meeting on Fishing License, Boats Registration and Information Gathering on Export of Fisheries Products in Southeast Asia**  
4-7 October 2011

**Results**

Development of Website on IUU Fishing  
(under construction collaboration with SEAFDEC/Sec)

Establish Dedicated e-mail for the Core Experts on IUU Fishing  
(combat\_iuu@seafdec.org)

The Necessary Information for Fishing License and Boats Registration from each Country

Recommendations for Development of the Regional Guidelines on Fishing License and Boats Registration

↓

Development of Regional Vessels Record

Technical Workshop on  
RFVR Database Development and Management in Southeast Asia

② **Experts Group Meeting on Fishing License and Boats Registration**  
25-28 June 2012

**Results**

Requirements for Regional Vessel Record 24 Meters in Length and Above in the Southeast Asian Region

Number of Fishing Vessels in the Southeast Asian Region

National Data Compilation Systems for Recording Vessels 24 Meters in Length and Over

Technical Workshop on  
RFVR Database Development and Management in Southeast Asia

## Technical Workshop on Regional Fishing Vessel Record (RFVR) Database Development and Management in Southeast Asia


20-21 August 2014  
A-ONE The Royal Cruise Hotel Pattaya  
Chonburi Province, Thailand

## Objectives

- Compile and Exchange National Data and Information to be Used as Inputs for the Development of the RFVR Database During the Last Quarter of 2014
- Improve the Understanding of Concerned Member Countries on the Need to Compile, Share and Utilize Information in the RFVR Database in Their Efforts to Combat IUU Fishing by the End of 2014
- Chart the Next Step Program of Activities for the Implementation of the RFVR Database in Managing Fishing Capacity and Combating IUU Fishing in the Region

Technical Workshop on  
RFVR Database Development and Management in Southeast Asia

## Expected Outputs



- RFVR Database to Serve as a Tool for the Member Countries in Combating IUU Fishing
- Consensus among the Member Countries on the Need to Compile, Share and Utilize Data in the RFVR Database to Combat IUU Fishing
- Next Step Program of Activities for the Implementation of the RFVR Database by Member Countries in Managing Fishing Capacity and Combating IUU Fishing
- Coordination among Member Countries in the Usage of the RFVR Database as a Tool to Combat IUU Fishing

Technical Workshop on  
RFVR Database Development and Management in Southeast Asia

## Participants

- Two Officers (**One is Responsible for Policy Consideration and the Other is Responsible for the Compilation of Data and Database Management for the Fishing Vessels Record**) from Brunei Darussalam, Indonesia, Malaysia, Myanmar, the Philippines, Thailand and Vietnam
- Representatives from the SEAFDEC Secretariat and Training Department

Technical Workshop on  
RFVR Database Development and Management in Southeast Asia

## Provisional Agenda

1. Opening of the Workshop
2. Introduction of the Workshop
3. Adoption of the Agenda and Arrangements of the Workshop
4. Progress on Development of the RFVR Database for 24 Meters in Length and Over
  - Background and Compilation of the Country's Inputs for RFVR
  - Data's Inputs for Testing and some Technical Problems
  - Introduction of the RFVR Database
  - Management of the RFVR Database

Technical Workshop on  
RFVR Database Development and Management in Southeast Asia

## Provisional Agenda


5. Considering Relevant RFVR Database as a Tool to Combat IUU Fishing
  - Case Study from RFMOs, FAO, and etc.
  - Recommendations on Increasing of Effective Tool to Combat IUU Fishing
6. Discussion on the Additional Data Requirements to Increase Effectively RFVR

Technical Workshop on  
RFVR Database Development and Management in Southeast Asia

## Provisional Agenda

7. Way Forward for RFVR Implementation and Relevant Activities
  - Discussion on Suggesting Relevant Activities Following Council Meeting Suggestion
  - Next Step of RFVR Activities Implementation
  - Cooperation with RPOA, FAO and Others International Organizations
  - Others
8. Conclusion and Adoption of the Policy Recommendations
9. Closing of the Workshop

Technical Workshop on  
RFVR Database Development and Management in Southeast Asia



Agenda 3

# THANK YOU

Technical Workshop on  
RFVR Database Development and Management in Southeast Asia  
20-21 August 2014  
Pattaya City, Chonburi Province, Thailand



## PROVISIONAL AGENDA

- Agenda 1: Opening of the Workshop
- Agenda 2: Introduction of the Workshop
- Agenda 3: Adoption of the Agenda and Arrangements of the Workshop
- Agenda 4: Progress on Development of the RFVR Database for 24 Meters in Length And Over
  - 4.1 Background and Compilation of the Country's Inputs for RFVR
  - 4.2 Data Sample Problems
  - 4.3 Introduction and Management of the RFVR Database
- Agenda 5: Considering Relevant RFVR Database as a Tool to Combat IUU Fishing
  - 5.1 Case Study from RFMOs, FAO, and *etc.*
  - 5.2 Recommendations on Increasing of Effective Tool to Combat IUU Fishing
- Agenda 6: Discussion on the Additional Data Requirements to Increase Effectively RFVR
- Agenda 7: Way Forward for RFVR Implementation and Relevant Activities
  - 7.1 Discussion on Suggesting Relevant Activities Following Council Meeting Suggestion
  - 7.2 Cooperation with RPOA, FAO and Others International Organizations
  - 7.3 Next Step of RFVR Activities Implementation
    - 7.3.1 24 meters in Length and Over
    - 7.3.2 Under 24 Meters
  - 7.4 Others
- Agenda 8: Conclusion and Adoption of the Policy Recommendations
- Agenda 9: Closing of the Workshop



### Agenda 3

## Adoption of the Agenda and Arrangements of the Workshop

### Timetable

| Wednesday 20 August 2014 |   |
|--------------------------|---|
| 0830-0900                | Registration  |
|                          | <i>Chairperson by Dr.Chumnarn Pongsri</i>   |
| 0900-0910                | <b>Agenda 1</b> Opening of the Workshop   |
| 0910-0940                | <b>Agenda 2</b> Introduction of the Workshop  |
| 0940-1000                | <b>Agenda 3</b> Adoption of the Agenda and Arrangements of the Workshop   |
| 1000-1030                | <i>Coffee/tea Break and Group Photo</i>   |
|                          | <i>Chairperson by Mr.Bundit Chokesanguan</i>  |
| 1030-1200                | <b>Agenda 4</b> Progress on Development of the RFVR Database for 24 Meters in Length and Over <ul style="list-style-type: none"> <li>• Background and Compilation of the Country's Inputs for RFVR</li> <li>• Data Sample Problems</li> </ul> |
| 1200-1330                | <i>Lunch Break</i>  |

### Timetable

| <i>Chairperson by Mr.Bundit Chokesanguan</i> |  |
|--|--|
| 1330-1430                                    | <b>Agenda 4</b> Progress on Development of the RFVR Database for 24 Meters in Length and Over (Cont'd) <ul style="list-style-type: none"> <li>• Introduction and Management of the RFVR Database</li> </ul>  |
| 1430-1500                                    | <b>Agenda 5</b> Considering Relevant RFVR Database as a Tool to Combat IUU Fishing <ul style="list-style-type: none"> <li>• Case Study from RFMOs, FAO, and etc.</li> <li>• Recommendations on Increasing of Effective Tool to Combat IUU Fishing</li> </ul> |
| 1500-1530                                    | <i>Coffee/tea Break</i>  |
| 1530-1700                                    | <b>Agenda 6</b> Discussion on the Additional Data Requirements to Increase Effectively RFVR  |

### Timetable

| Thursday 21 August 2014 |  |
|-------------------------|--|
|                         | <i>Chairperson by Mr.Hajime Kawamura</i>   |
| 0900-1030               | <b>Agenda 7</b> Way Forward for RFVR Implementation and Relevant Activities <ul style="list-style-type: none"> <li>• Discussion on Suggesting Relevant Activities Following Council Meeting Suggestion</li> <li>• Cooperation with RPOA, FAO and Others International Organizations</li> <li>• Next Step of RFVR Activities Implementation               <ul style="list-style-type: none"> <li>• 24 meters in Length and Over</li> <li>• Under 24 Meters</li> </ul> </li> <li>• Others</li> </ul> |
| 1030-1100               | <i>Coffee/tea Break</i>  |
| 1100-1200               | <b>Agenda 7</b> Way Forward for RFVR Implementation and Relevant Activities (Cont'd)   |
| 1200-1330               | <i>Lunch Break</i>   |
| 1330-1500               | <b>Agenda 8</b> Conclusion and Adoption of the Policy Recommendations  |
| 1500-1510               | <b>Agenda 9</b> Closing of the Workshop  |
| 1800-2000               | <i>Reception Dinner</i>  |



## BACKGROUND AND COMPILATION OF THE COUNTRY'S INPUTS FOR RFVR

### I. INTRODUCTION

SEAFDEC has been assisting the Southeast Asian countries in their efforts to combat IUU fishing through the implementation of the project on the Promotion of Sustainable Fisheries and IUU Fishing-related Countermeasures in Southeast Asia which is funded by the Japanese Trust Fund (JTF). One of the main activities of the project is the Promotion of Fishing License, Boats Registration, and Port State Measures in Southeast Asia, carried out through a series of regional meetings. This activity is aimed at developing a regional record of fishing vessels starting with vessels measuring 24 meters in length and over during its first phase, which could be expanded later with the recording of vessels measuring less than 24 meters. Moreover, assistance has also been extended by SEAFDEC to the countries in the region in their endeavors of improving their respective fishing licensing systems to conform to regional and international requirements. It is envisioned that this regional fishing vessels record together with the refined fishing licensing systems could be effectively used as fisheries management tools in combating IUU fishing in the Southeast Asian region.

At the onset, SEAFDEC/TD organized a series of experts meeting as follows: 1) the 1<sup>st</sup> Meeting of Regional Core Experts in October 2011, where the procedures for fishing licensing and boats registration in Southeast Asian countries as well as the corresponding minimum requirements for obtaining fishing license and boats registration certificates were discussed as well as ways and means of preventing the fish and fishery products from IUU fishing; 2) the 2<sup>nd</sup> Meeting of Regional Core Experts in June 2012, where a principal agreement on the list of required data and information was reached by the SEAFDEC Member Countries on sharing of fishing vessels data/information for 24 meters in length and over. The results and agreed basic information requirements/list from such meetings, and the concept proposal on establishment of the RFVR were presented to and approved by the SEAFDEC Council during its 45<sup>th</sup> Meeting in April 2013 in the Philippines. Later, the concept proposal was supported by the Special Senior Officials Meeting of the Thirty-Fourth Meeting of the ASEAN Ministers on Agriculture and Forestry (Special SOM-34<sup>th</sup> AMAF) to establish a Regional Fishing Vessels Record (RFVR) for 24 meters in length and over as a tool to combat IUU fishing in the Southeast Asian Region. Moreover, the 46<sup>th</sup> Meeting of the SEAFDEC Council in April 2014 in Singapore also endorsed the proposed RFVR activity plan.

### II. COMPILATION OF THE COUNTRY'S INPUTS FOR RFVR

In order to implement the activity on Establishment of **Regional Fishing Vessels Record (RFVR)** focusing on fishing vessels measuring 24 meters in length and over, SEAFDEC/TD designed a questionnaire on Regional Fishing Vessel Record which was sent out to eight SEAFDEC Member Countries<sup>1</sup>, *i.e.* Brunei Darussalam, Indonesia, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Vietnam, to explore the possibility of data sharing and

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<sup>1</sup> The output from Expert Group Meeting on Fishing Licensing and Boats Registration in Southeast Asia in 2012 is mention that Cambodia have not fishing vessel 24 meters in length and over.

to identify the agreed basic information requirements (**Table 1** and **Table 2**). During the process of compiling the RFVR, information on the respective number of national fishing vessels that measure 24 meters in length and over was also compiled to be updated during the process of compilation. The initial number is shown in **Table 3**.

**Table 1.** Agreed basic requirements for vessel registration in the Southeast Asian countries

- Name of vessel
- Type of fishing method/gear
- Port of registry
- Gross tonnage (G.T.)
- Length (L)
- Breadth (B)
- Depth (D)
- Engine Power
- Shipyard
- Date of launching
- International Radio Call Sign
- Engine Brand
- Serial number of engine
- Hull material
- Date of registration
- Area (country) of fishing operation
- Nationality of vessel (flag)
- Previous name (if any)
- Previous flag (if any)
- Name of captain/master
- Nationality of captain/master
- Number of crew (maximum/minimum)
- Nationality of crew

The results of the questionnaire have been analyzed, to be used as inputs during the proposed regional workshop on development and management of RFVR. In the analysis, obstacles with respect to the integration of the items in the basic requirements into RFVR will also be compiled for consideration during the implementation of the activity in 2014.

**Table 2:** Review of the national situation on the possibility of data sharing of the agreed basic information requirements of each SEAFDEC Member Country

| Information on fishing vessels | Accessible by  |                          | Exclusively available from SEAFDEC database<br>(Kept in database only) | Others<br>(please specify)          |
|--------------------------------|----------------|--------------------------|--|-------------------------------------|
|                                | General public | SEAFDEC Member Countries |  |                                     |
| 1. Name of vessel              | BN, ID, MY, PH | MM, TH, VN               | SG   | MY (Vessel number, not vessel name) |
| 2. Type of fishing method/gear | BN, ID, MY, PH | MM, TH, VN               | SG   |                                     |





| Information on fishing vessels   | Accessible by  |                          | Exclusively available from SEAFDEC database<br><br>(Kept in database only) | Others<br><br>(please specify)  |
|--|----------------|--------------------------|--|---|
|  | General public | SEAFDEC Member Countries |  |   |
| <b>3. Port of registry</b>   | BN, MY, PH     | MM, TH, VN               | SG   | <b>ID</b> (Location of registry)  |
| <b>4. Gross tonnage (G.T.)<br/>(International gross tonnage/<br/>registered gross tonnage)</b> | BN, ID, MY     | MM, PH, TH, VN           | SG   | <b>MY</b> (Using GRT)   |
| <b>5. Length (L)</b>   | BN, ID, MY     | MM, PH, TH, VN           | SG   |   |
| <b>6. Breadth (B)</b>  | BN, ID, MY     | MM, PH, TH, VN           | SG   |   |
| <b>7. Depth (D)</b>  | BN, ID, MY     | MM, PH, TH, VN           | SG   |   |
| <b>8. Engine Power</b>   | BN, ID, MY     | MM, PH, TH, VN           | SG   |   |
| <b>9. Shipyard</b>   | BN, MY         | PH, VN                   |  | <ul style="list-style-type: none"> <li>- <b>ID</b> (Location of Builder),</li> <li>- <b>MM</b> (-),</li> <li>- <b>SG</b> (not collected),</li> <li>- <b>TH</b> (This data is belonging to Marine Department which exclude in the MOU)</li> </ul>  |
| <b>10. Date of launching</b>   | ID, MY         | PH, VN                   | SG   | <ul style="list-style-type: none"> <li>- <b>BN</b> (No answer),</li> <li>- <b>MY</b> (Same with date registered)</li> <li>- <b>MM</b> (-),</li> <li>- <b>TH</b> (This data is belonging to Marine Department which exclude in the MOU)</li> </ul> |



| Information on fishing vessels                 | Accessible by  |                          | Exclusively available from SEAFDEC database<br><br>(Kept in database only) | Others<br><br>(please specify)   |
|--|----------------|--------------------------|--|--|
|  | General public | SEAFDEC Member Countries |  |  |
| <b>11. International Radio Call Sign</b>       | BN             | PH, TH, VN               | SG   | - <b>ID</b> (-),<br>- <b>MY</b> (No answer),<br>- <b>MM</b> (-),<br>- <b>TH</b> (If available)                     |
| <b>12. Engine Brand</b>                        | BN, ID, MY     | MM, PH, TH, VN           | SG   |  |
| <b>13. Serial number of engine</b>             | BN, ID, MY     | MM, PH, VN               | SG   | - <b>TH</b> (This data is belonging to Marine Department which exclude in the MOU)                                 |
| <b>14. Hull material</b>                       | BN, ID         | MM, PH, TH, VN           | SG   | - <b>MY</b> (Optional)   |
| <b>15. Date of registration</b>                | BN, ID, MY     | MM, PH, TH, VN           | SG   |  |
| <b>16. Area (country) of fishing operation</b> | BN, ID, MY     | MM, TH, VN               | PH, SG   |  |
| <b>17. Nationality of vessel (flag)</b>        | BN, MY, PH,    | MM, TH, VN               |  | - <b>ID</b> (-)  |
| <b>18. Previous name (if any)</b>              | BN, ID, MY     | MM, PH, VN               |  | - <b>SG</b> (not collected),<br>- <b>TH</b> (This data is belonging to Marine Department which exclude in the MOU) |



| Information on fishing vessels              | Accessible by  |                          | Exclusively available from SEAFDEC database<br><br>(Kept in database only) | Others<br><br>(please specify)   |
|---|----------------|--------------------------|--|--|
|   | General public | SEAFDEC Member Countries |  |  |
| <b>19. Previous flag (if any)</b>           | BN, MY         | MM, PH, VN               |  | <ul style="list-style-type: none"> <li>- <b>ID</b> (-)</li> <li>- <b>SG</b> (Do not collected),</li> <li>- <b>TH</b> (This data is belonging to Marine Department which exclude in the MOU)</li> </ul> |
| <b>20. Name of captain/master</b>           | BN             | MM, PH, VN               | SG   | <ul style="list-style-type: none"> <li>- <b>ID</b> (-),</li> <li>- <b>MY</b> (Optional)</li> <li>- <b>TH</b> (This data is belonging to Marine Department which exclude in the MOU)</li> </ul>         |
| <b>21. Nationality of captain/master</b>    | BN             | MM, PH, VN               | SG   | <ul style="list-style-type: none"> <li>- <b>ID</b> (-),</li> <li>- <b>MY</b> (Optional)</li> <li>- <b>TH</b> (This data is belonging to Marine Department which exclude in the MOU)</li> </ul>         |
| <b>22. Number of crew (maximum/minimum)</b> | BN, MY         | MM, PH, VN               | SG   | <ul style="list-style-type: none"> <li>- <b>ID</b> (-),</li> <li>- <b>TH</b> (This data is belonging to Marine Department which exclude in the MOU)</li> </ul>   |

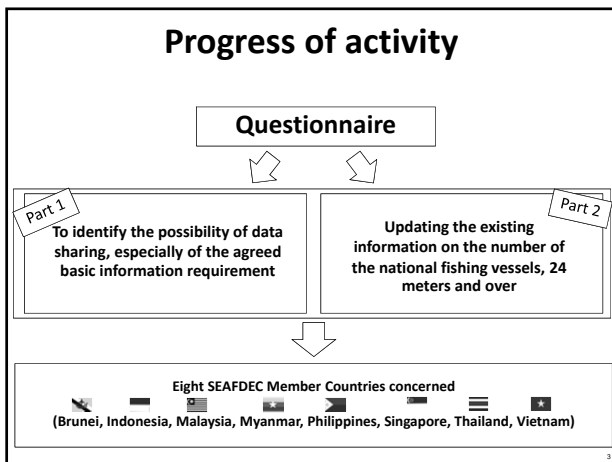
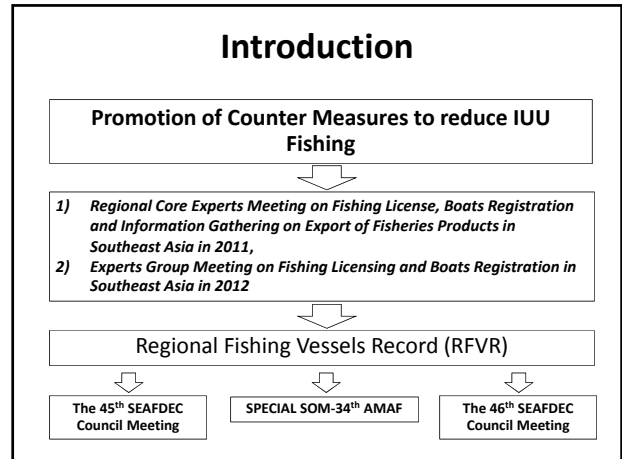
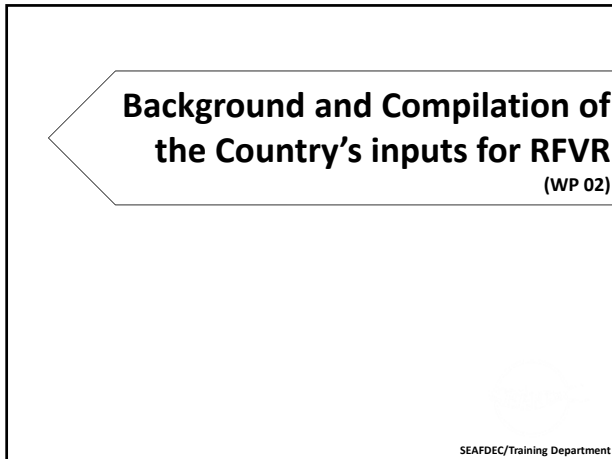


| Information on fishing vessels | Accessible by  |                          | Exclusively available from SEAFDEC database<br><br>(Kept in database only) | Others<br><br>(please specify)   |
|--------------------------------|----------------|--------------------------|--|--|
|                                | General public | SEAFDEC Member Countries |  |  |
| <b>23. Nationality of crew</b> | BN, MY         | MM, PH, VN               | SG   | - ID (-),<br>- TH (This data is belonging to Marine Department which exclude in the MOU) |

**Countries :** Brunei Darussalam (BN), Indonesia (ID), Malaysia (MY), Myanmar (MM), Philippines (PH), Singapore (SG), Thailand (TH), Vietnam (VN)

**Table 3: Updated number of fishing vessels 24 meters in length and over**

| Country           | Total   | Less than 24 meters                      | 24 meters and over |
|-------------------|---------|--|--------------------|
| Brunei Darussalam | 2,427   | 2,421                                    | 6                  |
| Cambodia          | 7,034   | 7,034                                    | Nil                |
| Indonesia         | 570,827 | 569,105                                  | 1,722              |
| Malaysia          | 54,235  | 54,169                                   | 66                 |
| Myanmar           | 30,349  | Powered 14,222<br><br>Non Powered 15,463 | 664                |
| Philippines       | 473,400 | 472,804                                  | 596                |
| Singapore         | 36      | 36                                       | Nil                |
| Thailand          | 40,742  | 39,995                                   | 747                |
| Vietnam           | 123,125 | 122,812                                  | 312                |



### Reviewing of the national situation on data sharing possibility of the agreed basic information requirement of each SEAFDEC Member Country

| Information on fishing vessel   | Accessible by  |                          |   | Other (please specify)           |
|---|----------------|--------------------------|---|----------------------------------|
|   | General public | SEAFDEC Member Countries | Exclusively available from SEAFDEC database (Kept in database only) |                                  |
| 1. Name of vessel   |                |                          |   | (Vessel number, not vessel name) |
| 2. Type of fishing method/gear  |                |                          |   | (Location of registry)           |
| 3. Port of registry   |                |                          |   | (Using GRT)                      |
| 4. Gross tonnage (G.T.) (International gross tonnage/ registered gross tonnage) |                |                          |   | (Using GRT)                      |
| 5. Length (L)   |                |                          |   |                                  |
| 6. Breadth (B)  |                |                          |   |                                  |
| 7. Depth (D)  |                |                          |   |                                  |

### Reviewing of the national situation on data sharing possibility of the agreed basic information requirement of each SEAFDEC Member Country

| Information on fishing vessel | Accessible by  |                          |   | Other (please specify)  |
|-------------------------------|----------------|--------------------------|---|---|
|                               | General public | SEAFDEC Member Countries | Exclusively available from SEAFDEC database (Kept in database only) |   |
| 8. Engine Power               |                |                          |   | (Location of Builder)   |
| 9. Shipyard                   |                |                          |   | (-)<br>(not collected)<br>(This data is belonging to Marine Department which exclude in the MOU)                            |
| 10. Date of launching         |                |                          |   | (No answer)<br>(Same with date registered)<br>(-)<br>(This data is belonging to Marine Department which exclude in the MOU) |

### Reviewing of the national situation on data sharing possibility of the agreed basic information requirement of each SEAFDEC Member Country

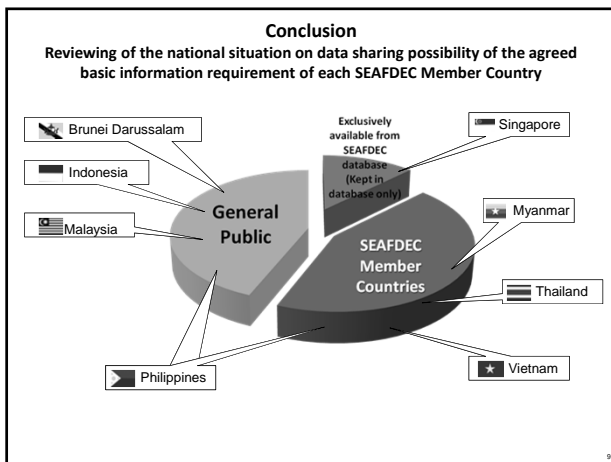
| Information on fishing vessel           | Accessible by  |                          |   | Other (please specify)   |
|---|----------------|--------------------------|---|--|
|   | General public | SEAFDEC Member Countries | Exclusively available from SEAFDEC database (Kept in database only) |  |
| 11. International Radio Call Sign       |                |                          |   | (-)<br>(-)<br>(No answer)<br>(If available)                            |
| 12. Engine Brand                        |                |                          |   |  |
| 13. Serial number of engine             |                |                          |   | (This data is belonging to Marine Department which exclude in the MOU) |
| 14. Hull material                       |                |                          |   | (Optional)   |
| 15. Date of registration                |                |                          |   |  |
| 16. Area (country) of fishing operation |                |                          |   |  |
| 17. Nationality of vessel (flag)        |                |                          |   | (-)  |

**Reviewing of the national situation on data sharing possibility of the agreed basic information requirement of each SEAFDEC Member Country**

| Information on fishing vessel | Accessible by  |                          |   | Other (please specify)   |
|-------------------------------|----------------|--------------------------|---|--|
|                               | General public | SEAFDEC Member Countries | Exclusively available from SEAFDEC database (Kept in database only) |  |
| 18. Previous name (if any)    |                |                          |   | (not collected)<br>(This data is belonging to Marine Department which exclude in the MOU)        |
| 19. Previous flag (if any)    |                |                          |   | (-)<br>(not collected)<br>(This data is belonging to Marine Department which exclude in the MOU) |
| 20. Name of captain/master    |                |                          |   | (-)<br>(Optional)<br>(This data is belonging to Marine Department which exclude in the MOU)      |

**Reviewing of the national situation on data sharing possibility of the agreed basic information requirement of each SEAFDEC Member Country**

| Information on fishing vessel        | Accessible by  |                          |   | Other (please specify)  |
|--------------------------------------|----------------|--------------------------|---|---|
|                                      | General public | SEAFDEC Member Countries | Exclusively available from SEAFDEC database (Kept in database only) |   |
| 21. Nationality of captain/master    |                |                          |   | (-)<br>(Optional)<br>(This data is belonging to Marine Department which exclude in the MOU) |
| 22. Number of crew (maximum/minimum) |                |                          |   | (-)<br>(This data is belonging to Marine Department which exclude in the MOU)               |
| 23. Nationality of crew              |                |                          |   | (-)<br>(This data is belonging to Marine Department which exclude in the MOU)               |



**Updating of the number of fishing vessels 24 meters and over in length**

| Country           | Total   | Less than 24 meters              | 24 meters and over |
|-------------------|---------|----------------------------------|--------------------|
| Brunei Darussalam | 2,427   | 2,421                            | 6                  |
| Cambodia          | 7,034   | 7,034                            | Nil                |
| Indonesia         | 570,827 | 569,105                          | 1,722              |
| Malaysia          | 54,235  | 54,169                           | 66                 |
| Myanmar           | 30,349  | Power 14,222<br>Non Power 15,463 | 664                |
| Philippines       | 473,400 | 472,804                          | 596                |
| Singapore         | 36      | 36                               | Nil                |
| Thailand          | 40,742  | 39,995                           | 747                |
| Vietnam           | 123,125 | 122,812                          | 312                |

THANK YOU

SEAFDEC/Training Department

## PRELIMINARY REPORT ON DATA SAMPLE PROBLEMS

*Namfon Imsamrarn*

### I. INTRODUCTION

This paper aims to report on the progress on development of database system for the RFVR 24 meters in length and over based on the data inputs for testing receiving from relevant ASEAN Member States (AMS). In addition, the paper also points out some technical issues that needed to be re-harmonized which lead to improve and enhance effectiveness of the database to be shared among AMS.

Refers to data inputs requested from relevant 7 AMS namely Brunei Darussalam(BN), Indonesia(ID), Malaysia(MY), Myanmar(MM), the Philippines(PH), Thailand(TH) and Vietnam(VN). SEAFDEC received the data for testing from the said all 720 data vessels are 3 data set from Brunei Darussalam, 53 from Indonesia, 80 from Malaysia, 54 from Myanmar, 470 from the Philippines, 30 from Thailand and 30 data-sets from Vietnam.

### II. DATA-SET FROM 7 AMS

Table 1 shows the comparison between the actual data set received from 7 AMS for testing (D) and list of data set agreed by AMS to be shared (S). In according to the data set inputs, the issues needed to be considered for further discussion are as follows:

#### 1. Name of vessel (English Language):

- In Malaysia, name of vessel is not available however the system in Malaysia registered all fishing vessel using the Vessel number. Therefore it is needed to get confirmation from Malaysia that the Vessel number means the Registration Number.
- Referring to the Malaysia case, Vietnam also did not provide the name of vessel both for English and local name. However, SEAFDEC communicated to responsible in Vietnam to provides the Registration Number of the vessel instead of no vessel name. In this connection, SEAFDEC have to increase one more information of the “**Registration Number**” into the RFVR database system.

#### 2. Some minor issues related to the unit and other missing information as follows:

- Myanmar did not provide vessel Depth data
- Using defferent unit of the Engine Power such as KW,DK,HP
- Brunei Darussalam did not provide Engine Power , Shipyard, Engine Brand, Serial number of engine, Hull material, Date of Registration, Number of Crew and Nationality of Crew data
- Malaysia and Vietnam did not provide Ship Yard information
- Thailand and Vietnam did not provide International Radio Call Sign, Serial number of engine
- Malaysia did not provide Area (country) of fishing operation, Number of crew (maximum/minimum), Nationality of crew
- Vietnam did not provide Name of captain/ master

- The Philippines did not provide Date of Registration, Name of captain/master, Nationality of captain/master and Nationality of crew data
- In general, please also be considered the Vessel Name in local language, that needed to change into English. For instance vessel name in Myanmar in local language have been changed in English in the RFVR data base system. But if the country system do not have Vessel name in English, so how can we trace or monitoring or ensure that there is the same vessel, we are monitoring.

| No | Information on fishing vessel       | BN |   | ID |   | MY |   | MM |   | PH |   | TH |   | VN |   |
|----|-------------------------------------|----|---|----|---|----|---|----|---|----|---|----|---|----|---|
|    |                                     | S  | D | S  | D | S  | D | S  | D | S  | D | S  | D | S  | D |
| 1  | Name of vessel (English Language)   | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | - |
| 2  | Type of fishing method/gear         | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 3  | Port of registry                    | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 4  | Gross tonnage (GRT/GT)              | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 5  | Length (L)                          | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 6  | Breadth (B)                         | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 7  | Depth (D)                           | √  | √ | √  | √ | √  | √ | √  | - | √  | √ | √  | √ | √  | √ |
| 8  | Engine Power                        | √  | - | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 9  | Shipyard                            | √  | - | √  | √ | √  | - | -  | √ | √  | √ | -  | - | √  | - |
| 10 | Date of launching                   | -  | - | √  | √ | √  | √ | -  | - | √  | √ | -  | - | √  | √ |
| 11 | International Radio Call Sign       | √  | √ | -  | - | -  | - | -  | - | √  | √ | √  | - | √  | - |
| 12 | Engine Brand                        | √  | - | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 13 | Serial number of engine             | √  | - | √  | √ | √  | √ | √  | √ | √  | √ | √  | - | √  | - |
| 14 | Hull material                       | √  | - | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 15 | Date of registration                | √  | - | √  | √ | √  | √ | √  | √ | √  | - | √  | √ | √  | √ |
| 16 | Area (country) of fishing operation | √  | √ | √  | √ | √  | - | √  | √ | -  | - | √  | √ | √  | √ |
| 17 | Nationality of vessel (flag)        | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 18 | Previous name (if any)              | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 19 | Previous flag (if any)              | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 20 | Name of captain/master              | √  | √ | -  | - | -  | - | √  | √ | √  | - | -  | - | √  | - |
| 21 | Nationality of captain/master       | √  | √ | -  | - | -  | - | √  | √ | √  | - | -  | - | √  | √ |
| 22 | Number of crew (maximum/minimum)    | √  | - | -  | - | √  | - | √  | √ | √  | √ | -  | - | √  | √ |
| 23 | Nationality of crew                 | √  | - | -  | - | √  | - | √  | √ | √  | - | -  | - | √  | √ |

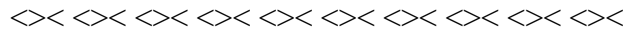
(Data sample received from 7 AMS appears in Annex 1)





### **III. CONSIDERATION FOR INCLUSION OF ADDITIONAL INFORMATION**

Reference to the inputs from Malaysia and Vietnam that included the national registration number and or vessel number instead of vessel name, it is therefore need to include this information as a new element within the database system. However, it is also necessary to harmonize with other relevant AMS for inclusion of this information.



Agenda 4

# Preliminary Report on Data Sample Problems

**Namfon Imsamrarn**

Technical Workshop on  
RFVR Database Development and Management in Southeast Asia  
20-21 August 2014  
Pattaya City, Chonburi Province, Thailand

## INTRODUCTION

requested

Technical Workshop on  
RFVR Database Development and Management in Southeast Asia

## INTRODUCTION

Received  
720 Data-vessels

3 data set

53 data set

80 data set

54 data set

470 data set

30 data set

30 data set

Technical Workshop on  
RFVR Database Development and Management in Southeast Asia

## DATA-SET FROM 7 AMS

The issues needed to be considered as follows :

**1. Name of vessel (English Language) :**

- Malaysia registered all fishing vessel using the **Vessel Number**
- Vietnam provides the **Registration Number** of the vessel.
- SEAFDEC increase **Registration Number** to record in the database system.

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## DATA-SET FROM 7 AMS

The issues needed to be considered as follows :

**2. Some minor issues of the Sampled Data Set from Country: relating to the unit and other missing information as follows :**

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### Comparison between the actual data set received from 7 AMS for testing (D) and list of data set agreed by AMS to be shared (S)

| No. | Information on fishing vessel       | BN |   | ID |   | MY |   | MM |   | PH |   | TH |   | VN |   |
|-----|-------------------------------------|----|---|----|---|----|---|----|---|----|---|----|---|----|---|
|     |                                     | S  | D | S  | D | S  | D | S  | D | S  | D | S  | D | S  | D |
| 1   | Name of vessel (English Language)   | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 2   | Type of fishing method/gear         | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 3   | Port of registry                    | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 4   | Gross tonnage (GRT/GT)              | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 5   | Length (L)                          | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 6   | Breadth (B)                         | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 7   | Depth (D)                           | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 8   | Engine Power                        | √  | - | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 9   | Shipyard                            | √  | - | √  | √ | √  | - | -  | √ | √  | √ | -  | - | √  | - |
| 10  | Date of launching                   | -  | - | √  | √ | √  | √ | -  | - | √  | √ | -  | - | √  | √ |
| 11  | International Radio Call Sign       | √  | √ | -  | - | -  | - | -  | - | √  | √ | √  | √ | √  | √ |
| 12  | Engine Brand                        | √  | - | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 13  | Serial number of engine             | √  | - | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | - |
| 14  | Hull material                       | √  | - | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 15  | Date of registration                | √  | - | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 16  | Area (country) of fishing operation | √  | √ | √  | √ | √  | - | √  | √ | -  | - | √  | √ | √  | √ |
| 17  | Nationality of vessel (flag)        | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 18  | Previous name (if any)              | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 19  | Previous flag (if any)              | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ | √  | √ |
| 20  | Name of captain/master              | √  | √ | -  | - | -  | - | √  | √ | √  | - | -  | - | √  | - |
| 21  | Nationality of captain/master       | √  | √ | -  | - | -  | - | √  | √ | √  | - | -  | - | √  | √ |
| 22  | Number of crew (maximum/minimum)    | √  | - | -  | - | √  | - | √  | √ | √  | √ | -  | - | √  | √ |
| 23  | Nationality of crew                 | √  | - | -  | - | √  | - | √  | √ | √  | - | -  | - | √  | √ |

| No. | Information on fishing vessel     | S |   | D |   | S |   | D |   | S |   | D |   |
|-----|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
|     |                                   | S | D | S | D | S | D | S | D | S | D |   |   |
| 1   | Name of vessel (English Language) | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 2   | Type of fishing method/gear       | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 3   | Port of registry                  | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 4   | Gross tonnage (GRT/GT)            | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 5   | Length (L)                        | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 6   | Breadth (B)                       | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 7   | Depth (D)                         | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 8   | Engine Power                      | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 9   | Shipyard                          | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 10  | Date of launching                 | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 11  | International Radio Call Sign     | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |

| No. | Information on fishing vessel       | S |   | D |   | S |   | D |   | S |   | D |   |
|-----|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
|     |                                     | S | D | S | D | S | D | S | D | S | D |   |   |
| 12  | Engine Brand                        | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 13  | Serial number of engine             | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 14  | Hull material                       | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 15  | Date of registration                | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 16  | Area (country) of fishing operation | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 17  | Nationality of vessel (flag)        | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 18  | Previous name (if any)              | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 20  | Name of captain/master              | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 21  | Nationality of captain/master       | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 22  | Number of crew (maximum/minimum)    | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 23  | Nationality of crew                 | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 25  | Nationality of crew                 | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |

### Other Problems on Vessel Names

| No. | Ship Name     | Vessel Type <sup>a</sup> | Gross Tonnage | Call Sign | Homeport       | Builder    | Place built | Year built | Former vessel name | Hull Material | L (meter) | B (meter) | D (meter)     | Engine  | KW  |
|-----|---------------|--------------------------|---------------|-----------|----------------|------------|-------------|------------|--------------------|---------------|-----------|-----------|---------------|---------|-----|
| 74  | ATHEM         | Carrier                  | 163.7         | DVME      | MANILA         | JAPAN      | 1979        | FUDO MARU  | STEEL              | 33.46         | 6.8       | 2.52      | PERKINS       | 400     |     |
| 277 | ATHEM         | Carrier                  | 163.7         | DUI-6234  | ZAMBOANGA      | DAIWA ZOSE | JAPAN       | 1979       | FUDO MARU          | STEEL         | 33.46     | 6.8       | 2.52          | PERKINS | 400 |
| 300 | ATHEM-2       | Carrier                  | 302.6         | DXRB      | ZAMBOANGA CITY | JAPAN      | 1975        | ZANNA-3    | STEEL              | 41.6          | 8.5       | 3.14      | SIEMENS       | 426     |     |
| 300 | ATHEM-2       | Carrier                  | 302.6         | DXRB      | MANILA         | JAPAN      | 1975        | ZANNA-3    | STEEL              | 41.6          | 8.5       | 3.14      | SIEMENS       | 426     |     |
| 43  | BLUE MOON     | Carrier                  | 164.19        |           |                |            |             |            | PS-LS-Steel        |               |           |           | Nigata/537.12 |         |     |
| 44  | BLUE MOON     | Purse Seiner             | 164.19        | DUAZ260   | MANILA         | TOKUSHIMA  | JAPAN       | 1976       | DAIJI MARU         | STEEL         | 31.7      | 7.5       | 2.25          | NIIGATA | 728 |
| 141 | ELEN          | Carrier                  | 187.2         |           | MANILA         | JAPAN      | 1975        |            | STEEL              | 34.4          | 6.4       | 2.85      | NIIGATA       | 400     |     |
| 142 | ELEN          | Carrier                  | 187.2         |           | ZAMBOANGA CITY | JAPAN      | 1975        |            | STEEL              | 32.4          | 6.4       | 2.85      | NIIGATA       | 600     |     |
| 300 | ATHEM-2       | Carrier                  | 176.64        |           | MANILA         | HONGKONG   | 1987        |            | WOOD               | 23.16         |           | 3.1       | DAEWOO        | 488     |     |
| 489 | MIRAGE STAR   | Carrier                  | 171.15        | DUI-6235  | ZAMBOANGA CITY | JAPAN      | 1973        | GALAXY     | STEEL              | 37.8          | 6.6       | 3.1       | NIIGATA       | 7000    |     |
| 358 | PURPLE BEAUTY | Supporting Boat          | 433.21        |           |                |            |             |            | TUL-LS-Steel       |               |           |           | Nigata 10000  |         |     |
| 359 | PURPLE BEAUTY | Purse Seiner             | 433.21        | DUA6085   | ZAMBOANGA      | MISHI DOCO | JAPAN       | 1972       | WAKATORI           | STEEL         | 56        | 10.2      | 2.9           | NIIGATA | 745 |
| 384 | ROYAL GOLD    | Purse Seiner             | 159.33        | DUA-6090  | MANILA         | JAPAN      | 1978        |            | STEEL              | 34.94         | 7         | 1.9       | NIIGATA       | 1100    |     |
| 385 | ROYAL GOLD    | Supporting Boat          | 159.33        |           |                |            |             |            | PS-LS-Steel        |               |           |           | Nigata 11000  |         |     |
| 411 | SEÑOR EMILIO  | Supporting Boat          | 248.94        |           |                |            |             |            | PC-LS-Steel        |               |           |           | Cummins 600   |         |     |
| 412 | SEÑOR EMILIO  | Carrier                  | 248.94        | DUI-6069  | ZAMBOANGA      | YAMAKAWA   | JAPAN       | 1972       | ROMEO              | STEEL         | 42.66     | 7.4       | 2.96          | CUMMINS | 600 |

### Consideration for Add. Info.

- Registration Number : >>> Vietnam
- Vessel number : >>> Malaysia

Inclusion of Registration number/ Vessel Number In the RFVR Database system.

Technical Workshop on RFVR Database Development and Management in Southeast Asia 10

## Agenda 4

# THANK YOU

Technical Workshop on RFVR Database Development and Management in Southeast Asia  
 20-21 August 2014  
 Pattaya City, Chonburi Province, Thailand

## INTRODUCTION AND MANAGEMENT OF THE RFVR DATABASE SYSTEM

*Namfon Imsamrarn*

### I. INTRODUCTION

The Regional Fishing Vessel Record (RFVR) of 24 meters in length and over is aimed to support ASEAN Member States (AMS) to combat IUU fishing by sharing of information of fishing vessels among AMS. Through a series of expert working group meetings, consultation process and high level meetings, AMS support the approach while agreed that combating IUU fishing is one of the high priority activity that needed the regional cooperation. To support the usage of RFVR by all AMS, database system of the RFVR is developed. This paper introduces the development of the system including structure and usage/access of the system.

In development of the SEAFDEC database system for RFVR, there are two main processes: 1) compilation of the shared information of fishing vessels from AMS based on the basic data requirements agreed during the consultation process, and 2) The design of database system which are aligned with the others database systems developed by Regional Fisheries Management Organizations (RFMOs) such as Indian Ocean Tuna Commission (IOTC) Record of Currently Authorized Vessels, Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR) Licensed vessels, International Commission for the Conservation of Atlantic Tunas (ICCAT) Record of Vessels and Western & Central Pacific Fisheries Commission (WCPFC) Record of Fishing Vessels, etc. However, SEAFDEC database system is developed using the same designed with the WCPFC Record of Fishing Vessels (<https://www.wcpfc.int/record-fishing-vessel-database>), because it is not complicate and easy for users

### II. STRUCTURE OF THE RFVR DATABASE SYSTEM


The main structures of the database system are divided into 3 parts as appeared in figure 1 as follows: 1) Data Search, 2) Result Data, and 3) Export Data.

#### 1. Data Search



This part allow user to search for the information of vessel based on 5 parameters such as a) vessel flag, b) vessel type, c) year of registration, d) vessel name, and e) local vessel name.

In the system, the vessel type searching is created based on the categories of type of fishing gears and methods as shown in Table 1. In accordance to this, the vessel types for ASEAN region are categorized into Purse seiner, Stick held dip netter, Gillnetter, Trawler, Longliner, Trap, Drive-in net, Bag net, supporting vessel and Carrier, etc.

#### 2. Result Data

This part shows the result from search, split it on multiple pages limit the query to show only 20 records and display it using page numbers. Information in the result table are such as Vessel Flag, Registration Number, Vessel Name, Local Vessel Name, Type of Fishing Gear, Year of Registration, and Length. User can get more detailed information of each vessel by click  icon, then user can see a new webpage of detailed information for particular/selected vessel (see Figure 2).

### 3. Export Data

This part is for exporting the selected data from search to excel format data sheet (by click the icon ) or command to print all data as hard-copy by click the icon )

**REGIONAL FISHING VESSEL RECORD (RFVR)  
24 METERS IN LENGTH AND OVER**

Welcome : SEAFDEC [logout](#)

The Regional Fishing Vessel Record (RFVR) is aimed to support the combating IUU fishing by sharing of information of fishing vessel among the ASEAN Member Countries. The list of basic information of the RFVR for 24 meters in length and over are agreed by Expert Group from ASEAN Member Countries.

**1. Data Search**

VESSEL FLAG :  VESSEL TYPE :  YEAR OF REGISTRATION :

VESSEL NAME (ENGLISH LANGUAGE) :  VESSEL NAME (LOCAL LANGUAGE) :

**2. Result Data**

| #  | Vessel Flag | Registration Number* | Vessel Name             | Vessel Name (Local Language) | Type of Fishing Gear                     | Year of Registration | Length (m) | More Info. |
|----|-------------|----------------------|-------------------------|------------------------------|--|----------------------|------------|------------|
| 1  | Indonesia   |                      | ANTENA                  |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2014                 | 25.15      |            |
| 2  | Indonesia   |                      | ANUGERAH BAHARI         |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2013                 | 24.08      |            |
| 3  | Indonesia   |                      | ANUGERAH NUSANTARA JAYA |                              | Bouke Ami (Stick Held Drift Net)         | 2013                 | 25.62      |            |
| 4  | Indonesia   |                      | ANUGERAH PRATAMA        |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2013                 | 25.68      |            |
| 5  | Indonesia   |                      | ASIA TUNA PRATAMA       |                              | Bouke Ami (Stick Held Drift Net)         | 2013                 | 29.51      |            |
| 6  | Indonesia   |                      | AYU LESTARI             |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2013                 | 25.00      |            |
| 7  | Indonesia   |                      | BANDAR JAYA             |                              | Bouke Ami (Stick Held Drift Net)         | 2014                 | 24.30      |            |
| 8  | Indonesia   |                      | BERKAT CIPITA SUKSES    |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2013                 | 25.05      |            |
| 9  | Indonesia   |                      | BINTANG BAHARI SUKSES   |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2014                 | 24.20      |            |
| 10 | Indonesia   |                      | BINTANG SUMBER JAYA 9   |                              | Bouke Ami (Stick Held Drift Net)         | 2013                 | 26.76      |            |
| 11 | Indonesia   |                      | CHARLES                 |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2014                 | 31.35      |            |
| 12 | Indonesia   |                      | CITRA MAJU - II         |                              | Bouke Ami (Stick Held Drift Net)         | 2014                 | 24.76      |            |
| 13 | Indonesia   |                      | DELI MAJU - II          |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2013                 | 24.80      |            |
| 14 | Indonesia   |                      | DELI NAGA MAS           |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2013                 | 24.41      |            |
| 15 | Indonesia   |                      | DELI NELAYAN            |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2013                 | 24.78      |            |
| 16 | Indonesia   |                      | DIRGANTARA BARU         |                              | Bouke Ami (Stick Held Drift Net)         | 2013                 | 25.30      |            |
| 17 | Indonesia   |                      | DUTA JAYA               |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2014                 | 25.21      |            |
| 18 | Indonesia   |                      | GARUDA JAYA - III       |                              | Bouke Ami (Stick Held Drift Net)         | 2013                 | 24.74      |            |
| 19 | Indonesia   |                      | GUNJUNG TUJUH MAS - X   |                              | Bouke Ami (Stick Held Drift Net)         | 2013                 | 26.25      |            |
| 20 | Indonesia   |                      | HAKAPAN JAYA V          |                              | Held Drift Net                           |                      |            |            |

Result : 247 Records

Remark : \* Registration Number : Additional data requirement

Supported By - Japanese Trust Fund (JTF)

**3. ExportData**

Figure 1 : Structure of the RFVR Database System

**Table 1:** Type of fishing gear and methods and category of Vessel Types used in the system

| Country                  | Type of fishing method/gear                          | Vessel Type           |
|--------------------------|--|-----------------------|
| <b>Brunei Darussalam</b> | Trawler  | Trawler               |
|                          | Purse seine  | Purse Seiner          |
| <b>Indonesia</b>         | Purse Seine (PukatCincin)<br>Pelagis Kecil           | Purse Seiner          |
|                          | Bouke Ami (Stick Held Drift Net)                     | Stick held dip netter |
|                          | JaringInsang (Gillnet) HanyutDasar / Liong Bun       | Gillnetter            |
|                          |  |                       |
| <b>Malaysia</b>          | Fish Purse-Seine                                     | Purse Seiner          |
|                          | Trawl Nets   | Trawler               |
|                          | Anchovy Purse-Seine                                  | Purse Seiner          |
|                          | Hook & Lines   | Longliner             |
|                          | Transport  | Carrier               |
| <b>Myanmar</b>           | Trawler  | Trawler               |
|                          | Stow   | Stow netter           |
|                          | Purse Seiner   | Purse Seiner          |
|                          | Trap   | Trap                  |
|                          | Drift  | Gillnetter            |
|                          | Long Line  | Longliner             |
| <b>The Philippines</b>   | Tuna Purse seine, Sardine/Mackerel/Scad purse seine, | Purse Seiner          |
|                          | Tuna Longline, any longline                          | Longliner             |
|                          | Trawl Net  | Trawler               |
|                          | Drive-in net (paaling)                               | Drive-in Net          |
|                          | Danish Seine   | Danish Seiner         |
|                          | Beach/ Drag Seine                                    | Beach Seine           |
|                          | Bag Net  | Bag Net               |
|                          | Sonar boat, Light boat, Tanker, Skiff boat           | Supporting Boat       |
|                          | Carrier  | Carrier               |
| <b>Thailand</b>          | Gillnets   | Gillnetter            |
|                          | Purse seine  | Purse Seiner          |
|                          | Otter board trawls                                   | Trawler               |
| <b>Viet Nam</b>          | pair trawl fishing                                   | Trawler               |
|                          | single + pair trawl fishing                          | Trawler               |
|                          | fishing logistic                                     | Carrier               |
|                          | hook and line  | Longliner             |



**Figure 2 :** This webpage shows all information of single vessel that available in the database system

### III. HOW TO ACCESS TO THE RFVR DATABASE SYSTEM

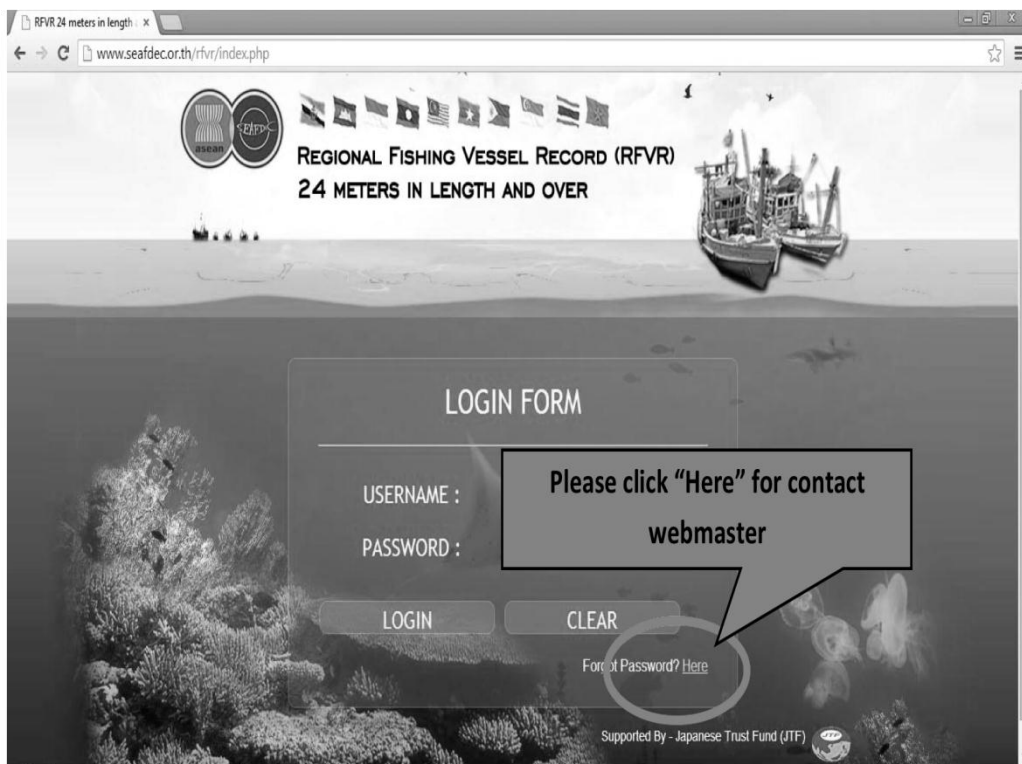
For security purpose, access to the SEAFDEC database system of the RFVR for 24m in length and over is required user name and password that will be provided to responsible focal point of AMS after all required data are received from all relevant AMS and are completely input into the system.

- 1) After the user enter a web address (URL) ([www.seafdec.or.th/rfvr/index.php](http://www.seafdec.or.th/rfvr/index.php)) into your browser then first page of the RFVR Database System will be appeared as shown in Figure 3.
- 2) Enter user name and password to access the RFVR database system.



**Figure 3 :** Login Form for access into RFVR Database System

- 3) In case, user forget the username and/or password, user can contact webmaster by click “Here” for contact webmaster. (see Figure 4)



**Figure 4 :** Link to contact webmaster



4) After login, you can see a new page of RFVR Database System. (see Figure 5)

**REGIONAL FISHING VESSEL RECORD (RFVR)**  
**24 METERS IN LENGTH AND OVER**

WELCOME TO RFVR Welcome : SEAFDEC  
logout

The Regional Fishing Vessel Record (RFVR) is aimed to support the combating IUU fishing by sharing of information of fishing vessel among the ASEAN Member Countries. The list of basic information of the RFVR for 24 meters in length and over are agreed by Expert Group from ASEAN Member Countries.

VESSEL FLAG :  VESSEL TYPE :  YEAR OF REGISTRATION :

VESSEL NAME (ENGLISH LANGUAGE) :  VESSEL NAME (LOCAL LANGUAGE) :

| #  | Vessel Flag | Registration Number* | Vessel Name             | Vessel Name (Local Language) | Type of Fishing Gear                     | Year of Registration | Length (m) | More Info. |
|----|-------------|----------------------|-------------------------|------------------------------|--|----------------------|------------|------------|
| 1  | Indonesia   |                      | ANTENA                  |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2014                 | 25.15      | ⓘ          |
| 2  | Indonesia   |                      | ANUGERAH BAHARI         |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2013                 | 24.08      | ⓘ          |
| 3  | Indonesia   |                      | ANUGERAH NUSANTARA JAYA |                              | Bouke Ami (Stick Held Drift Net)         | 2013                 | 25.62      | ⓘ          |
| 4  | Indonesia   |                      | ANUGERAH PRATAMA        |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2013                 | 25.68      | ⓘ          |
| 5  | Indonesia   |                      | ASIA TUNA PRATAMA       |                              | Bouke Ami (Stick Held Drift Net)         | 2013                 | 29.51      | ⓘ          |
| 6  | Indonesia   |                      | AYU LESTARI             |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2013                 | 25.00      | ⓘ          |
| 7  | Indonesia   |                      | BANDAR JAYA             |                              | Bouke Ami (Stick Held Drift Net)         | 2014                 | 24.30      | ⓘ          |
| 8  | Indonesia   |                      | BERKAT CIPTA SUKSES     |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2013                 | 25.05      | ⓘ          |
| 9  | Indonesia   |                      | BINTANG BAHARI SUKSES   |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2014                 | 24.20      | ⓘ          |
| 10 | Indonesia   |                      | BINTANG SUMBER JAYA 9   |                              | Bouke Ami (Stick Held Drift Net)         | 2013                 | 26.76      | ⓘ          |
| 11 | Indonesia   |                      | CHARLES                 |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2014                 | 31.35      | ⓘ          |
| 12 | Indonesia   |                      | CITRA MAJU - II         |                              | Bouke Ami (Stick Held Drift Net)         | 2014                 | 24.76      | ⓘ          |
| 13 | Indonesia   |                      | DELI MAJU - II          |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2013                 | 24.80      | ⓘ          |
| 14 | Indonesia   |                      | DELI NAGA MAS           |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2013                 | 24.41      | ⓘ          |
| 15 | Indonesia   |                      | DELI NELAYAN            |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2013                 | 24.78      | ⓘ          |
| 16 | Indonesia   |                      | DIRGANTARA BARU         |                              | Bouke Ami (Stick Held Drift Net)         | 2013                 | 25.30      | ⓘ          |
| 17 | Indonesia   |                      | DUTA JAYA               |                              | Purse Seine (Pukat Cincin) Pelagis Kecil | 2014                 | 25.21      | ⓘ          |
| 18 | Indonesia   |                      | GARUDA JAYA - III       |                              | Bouke Ami (Stick Held Drift Net)         | 2013                 | 24.74      | ⓘ          |
| 19 | Indonesia   |                      | GUNUNG TUJUH MAS - X    |                              | Bouke Ami (Stick Held Drift Net)         | 2013                 | 26.25      | ⓘ          |
| 20 | Indonesia   |                      | HARAPAN JAYA V          |                              | Bouke Ami (Stick Held Drift Net)         | 2013                 | 24.84      | ⓘ          |

Result : 247 Records

Remark : \* Registration Number : Additional data requirement

Supported By - Japanese Trust Fund (JTF)

Figure 5 : Main page of RFVR Database System

#### IV. SEARCHING INFORMATION OF VESSEL

Searching for detailed information of vessel requires some parameter inputs from 1 to 5 parameters as appeared in Part B such as 1) vessel flag, 2) vessel type, 3) year of registration, 4) vessel name, and 5) local vessel name. The following examples provide better understanding on the use of the RFVR database system:

- **Using one parameter for searching.** User can select any parameter from the five when user want to search. In case user want to see data of Malaysian Flag, then
  - Step 1) select “Malaysia” in the vessel flag button.
  - Step 2) click “SEARCH” button
  - Step 3) System will show the results from search (see Figure 6).



**Figure 6 :** Step 1 to Step 3 when searching by one parameter using vessel flag as a parameter

- **Using two parameters for searching.** This allow user to select only two parameters from the five when searching some information from the system such as Vessel type = trawler from the year 2011. Two parameters are 1) vessel type, and 2) year of registration :
  - Step 1) select the vessel type = “Trawler”
  - Step 2) select the registration year = “2011”

Step 3) click “SEARCH” Button

step 4) the system shows the result from search (see Figure 7)



Figure 7 : Step 1 to Step 4 when searching by two parameters

- **Using three parameters for searching.** This allow user to select three parameters for searching such as if user want to see information of Thai flag vessel type gillnetter in 2010. Regarding there are three parameter namely 1) vessel flag, 2) vessel type and 3) year of registration.
  - Step 1) select Vessel flag = Thailand,
  - Step 2) select Vessel type= Gillnetter,
  - Step 3) select year of registration = 2010
  - Step 4) click “SEARCH” button, and
  - Step 5) the system shows the result from search (see Figure 8)



Figure 8 : Step 1 to Step 5 when searching by three parameters

- **Using four or five parameters for searching.** The system can accept searching by 4 and 5 parameters if the user has those parameters/data. In this case the specific vessel that needed to be search will be appeared (see figure 9 as an sample)



Figure 9 : Step 1 to Step 6 when searching by four parameters

And click “Logout” item when you want to leave the system (see Figure 10)

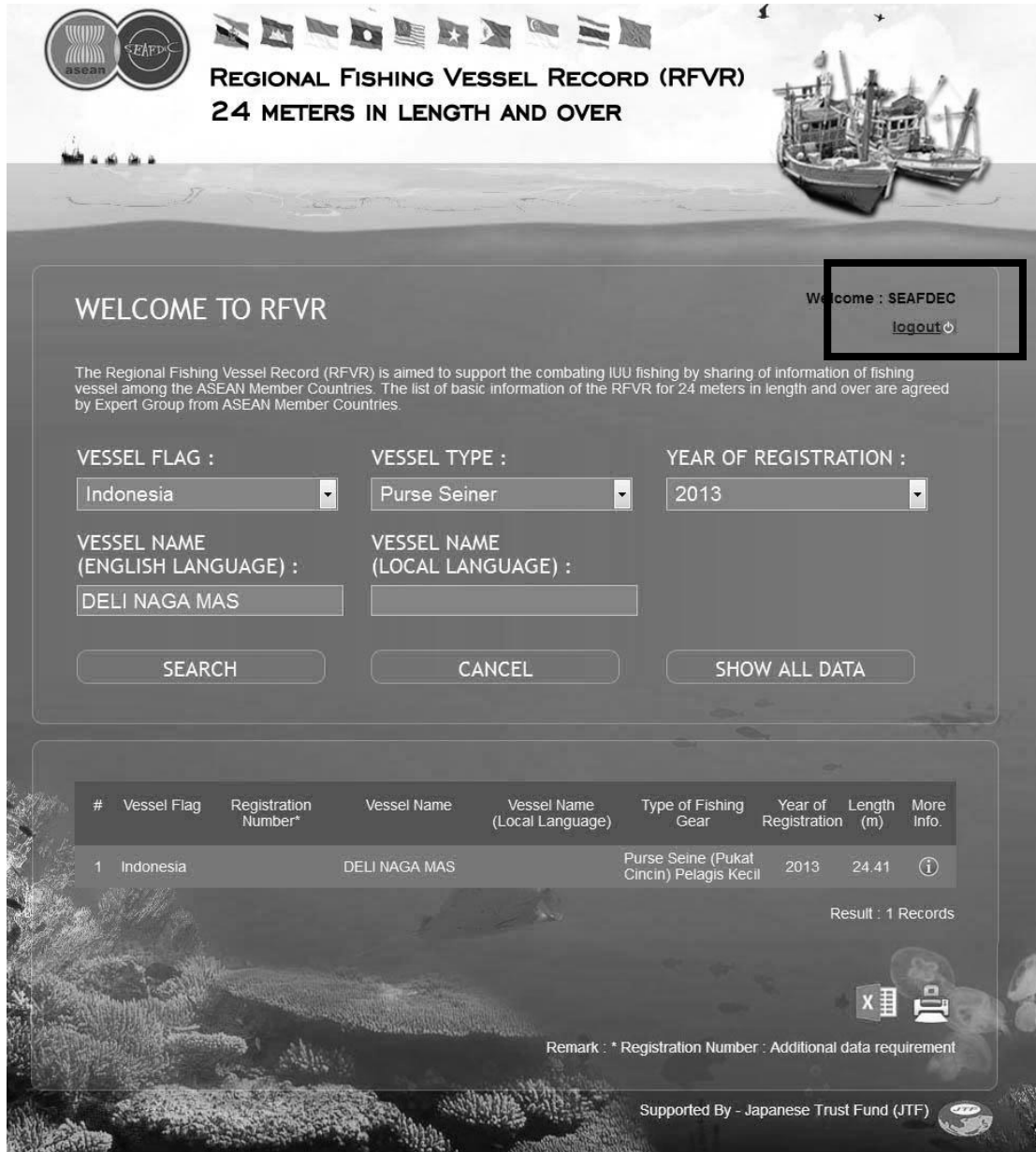


Figure 10 : Logout item for leave the system

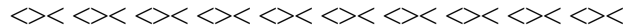
### III. MANAGEMENT OF THE RFVR DATABASE SYSTEM

It is expected that after the Technical Workshop on Regional Fishing Vessel Record (RFVR) Database Development and Management in Southeast Asia held on 20-21 August 2014 in Thailand, SEAFDEC could finalize the additional information to be included in basic requirement for the RFVR database system. In addition, this would like to the process for country to submit the list of RFVR for 24 meters in length and over to SEAFDEC by end of September 2014 (tentative).



Other issues related to the management of the RFVR Database system is also listed for further discussion as follows

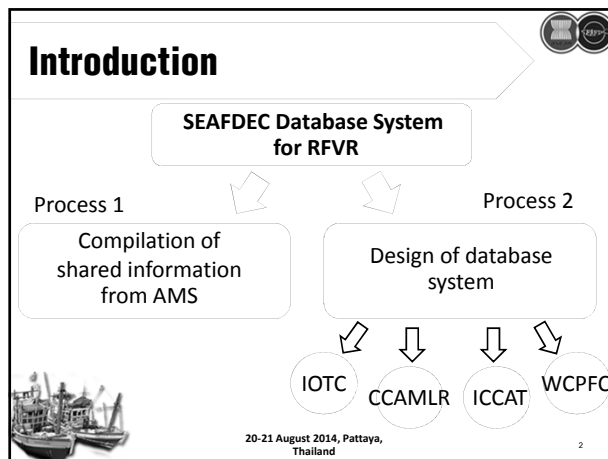
- **Identifying the users at country level:**  
SEAFDEC will provide the password to each AMS for access the RFVR Database system, one country only one password. However, different country will have different password in order to check and monitor which country is using the system.
- **Identifying the country focal point for data updating:**  
It is expected that the RFVR for 24 meters in length and over should be regularly updated within the time frame that all AMS would agree (every 1 or 2 years). To follow-up on this matter, it is need to identify a person and/or institution that are responsible for submission of updating data.
- Others



## Introduction and Management of the Regional Fishing Vessel Record (RFVR) Database System

**Namfon Imsamrarn**

Technical Workshop on  
RFVR Database Development and Management in Southeast Asia  
20-21 August 2014  
Pattaya City, Chonburi Province, Thailand



## Structure

- 1** Part 1. Data Search
- 2** Part 2. Result Data
- 3** Part 3. Export Data

## Structure : Part 1

**Part 1. Data Search : 5 parameters**

WELCOME TO RFVR

VESEL FLAG :

VESEL TYPE :

YEAR OF REGISTRATION :

VESEL NAME (ENGLISH LANGUAGE) :

VESEL NAME (LOCAL LANGUAGE) :

SEARCH CANCEL SHOW ALL DATA

| Country           | Type of fishing method/gear                         | Vessel Type           |
|-------------------|---|-----------------------|
| Brunei Darussalam | Trawler   | Trawler               |
|                   | Purse Seine   | Purse Seiner          |
| Indonesia         | Purse Seine (PukatCincin) Pelagis Kecil             | Purse Seiner          |
|                   | Bouke Ami (Stick Held Drift Net)                    | Stick held dip netter |
| Malaysia          | Jaringinsang (Gillnet) HanyutDasar / Liong Bun      | Gillnetter            |
|                   | Fish Purse-Seine                                    | Purse Seiner          |
|                   | Trawl Nets  | Trawler               |
|                   | Anchovy Purse-Seine                                 | Purse Seiner          |
| Myanmar           | Hook & Lines  | Longliner             |
|                   | Trawler   | Trawler               |
| The Philippines   | Purse Seine   | Purse Seiner          |
|                   | Drift   | Gillnetter            |
|                   | Long Line   | Longliner             |
|                   | Tuna Purse seine, Sardine/Mackerel/Scad purse seine | Purse Seiner          |
|                   | Tuna Longline, any longline                         | Longliner             |
|                   | Trawl Net   | Trawler               |
| Thailand          | Drive-in net (paaling)                              | Drive-in Net          |
|                   | Danish Seine  | Danish Seiner         |
|                   | Beach/ Drag Seine                                   | Beach Seine           |
|                   | Bag Net   | Bag Net               |
|                   | Sonar boat, Licht boat, Tanker, Skiff boat          | Supporting Boat       |
|                   | Gillnets  | Gillnetter            |
| Viet Nam          | Purse seine   | Purse Seiner          |
|                   | Otter board trawls                                  | Trawler               |
|                   | pair trawl fishing                                  | Trawler               |
| Viet Nam          | single + pair trawl fishing                         | Trawler               |
|                   | hook and line                                       | Longliner             |
|                   | hook and line                                       | Longliner             |

## Structure : Part 2

**Part 2. Result Data**

- Limit the query to show only 20 records
- Information such as Vessel Flag, Registration Number, Vessel Name, Local Vessel Name, Type of Fishing Gear, Year of Registration, and Length

Click

### Structure : Part 2 (contd.)

**23 Item**

Export to Excel icon

Print icon

### Structure : Part 3

#### Part 3. Export Data

1

2

3

Export to Excel

Print

### How to access the system

www.seafdec.or.th/rfvr/index.php

REGIONAL FISHING VESSEL RECORD (RFVR)  
 24 METERS IN LENGTH AND OVER

LOGIN FORM

USERNAME :

PASSWORD :

LOGIN CLEAR

Forgot Password? [Click](#)

### How to access the system

LOGIN FORM

USERNAME :

PASSWORD :

LOGIN CLEAR

Forgot Password? [Here](#)

### Main page of RFVR Database System

WELCOME TO RFVR

VESSEL FLAG :

VESSEL TYPE :

YEAR OF REGISTRATION :

VESSEL NAME (ENGLISH LANGUAGE) :

VESSEL NAME (LOCAL LANGUAGE) :

SEARCH CANCEL SHOW ALL DATA

### Searching information of vessel

WELCOME TO RFVR

Welcome : SEAFDEC [logout](#)

The Regional Fishing Vessel Record (RFVR) is aimed to support the combating IUU fishing by sharing of information of fishing vessel among the ASEAN Member Countries. The list of basic information of the RFVR for 24 meters in length and over are agreed by Expert Group from ASEAN Member Countries.

VESSEL FLAG :

VESSEL TYPE :

YEAR OF REGISTRATION :

VESSEL NAME (ENGLISH LANGUAGE) :

VESSEL NAME (LOCAL LANGUAGE) :

SEARCH CANCEL SHOW ALL DATA



### Searching : one parameter

Target : Malaysian Flag

How to searching :

- Step 1 Select Vessel Flag = "Malaysia"
- Step 2 Click "SEARCH" button
- Step 3 Show the results from search

### Searching : two parameter

Target : Vessel type Trawler in 2011

How to searching :

- Step 1 Select Vessel Type = "Trawler"
- Step 2 Select Year of Registration = "2011"
- Step 3 Click "SEARCH" button
- Step 4 Show the results from search

### Searching : three parameter

Target : Thai flag vessel type gillnetter in 2010

How to searching :

- Step 1 Select Vessel Flag = "Thailand"
- Step 2 Select Vessel Type = "Gillnetter"
- Step 3 Select Year of Registration = "2010"
- Step 4 Click "Search" button
- Step 5 Show the results from search

### Searching : four, five parameter

- Step 1
- Step 2
- Step 3
- Step 4
- Step 5
- Step 6

### Logout System

logout

### Management of RFVR Database System

- ◇ Submission for all RFVR for 24m in length & over < by end of Sep. 14.>
- ◇ Identifying the Users at Country level <Password to each AMS>
- ◇ Identifying the Country Focal Point for data updating <Regularly update: 1 year>

### AGENDA 5

## Considering Relevant Vessel Records as a Management Tool to Combat IUU Fishing

**SOMBOON SIRIRAKSOPHON**  
 Policy and Program Coordinator  
 20-21 August 2014, Pattaya, Thailand

## INTRODUCTION > IUU fishing

- ❖ **Illegal, unreported and unregulated (IUU) fishing** is not a new phenomenon in capture fisheries
  - ✓ covering high seas and within EEZ fisheries,
  - ✓ Marine and Inland fisheries
  - ✓ by authorized and non-authorized fishers (e.g. Flag of non-Compliance)

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## Root Cause of IUU Fishing

- ❖ **Lack of effective Flag State Control**
  - e.g.
    - ✓ Authorizing vessels fail to meet their obligations under the int' law,
    - ✓ States do not provide proper authorization for vessels to fish,

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## Possible Solutions

|   |  |
|---|--|
| <b>At National Level</b> <ul style="list-style-type: none"> <li>❖ Strengthening real-time MCS</li> <li>❖ Strengthening flag state control/performance</li> <li>❖ Implement comprehensive Port State measures</li> </ul> | <b>At Regional &amp; Int' Level</b> <ul style="list-style-type: none"> <li>❖ Develop CDSs</li> <li>❖ IFCA urged WTO to support Trade Measures</li> <li>❖ <b>IUU fishing vessel lists</b></li> </ul> <b>FAO:</b> <ul style="list-style-type: none"> <li>❖ IPOA-IUU (2011) within the framework of CCRF</li> <li>❖ Agreement on PSM</li> <li>❖ <b>Global record</b></li> </ul> |
|---|--|

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## MCS

- ✓ Licenses and Registers
- ✓ Vessel Monitoring System
- ✓ Observer Program
- ✓ Inspection program
- ✓ MCS training and education
- ✓ Planning, Funding and undertaking MCS measures
- ✓ Cooperation and etc.

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## Vessel Records by RFMOs

✓ What are RFMOs?

↓

Formed by Countries with fishing interests In specific area

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### Vessel Records by RFMOs

| RFMOs   | Vessel Record | IUU List | LoA                |
|---------|---------------|----------|--------------------|
| CCSBT   | ☐             | ☐        | > 24m              |
| ICCAT   | ☐             | ☐        | >=20m              |
| IATTC   | ☐             | ☐        | all size >9        |
| WCPFC   | ☐             | ☐        | all size           |
| IOTC    | ☐             | ☐        | >=24m & <24m (eez) |
| SEAFDEC | ☐             | ☐        | >=24m              |

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### Vessel Records by RFMOs

| RFMOs   | Owner | Flag | Vessel Name | Vessel Type | Int'l Radio call sign | Registry Number | IMO number | RFMOs Number |
|---------|-------|------|-------------|-------------|-----------------------|-----------------|------------|--------------|
| CCSBT   | ☐     | ☐    | ☐           | ☐           | ☐                     | ☐               | ☐          | ☐            |
| ICCAT   | ☐     | ☐    | ☐           | ☐           | ☐                     | ☐               | ☐          | ☐            |
| IATTC   | ☐     | ☐    | ☐           | ☐           | ☐                     | ☐               | ☐          | ☐            |
| WCPFC   | ☐     | ☐    | ☐           | ☐           | ☐                     | ☐               | ☐          | ☐            |
| IOTC    | ☐     | ☐    | ☐           | ☐           | ☐                     | ☐               | ☐          | ☐            |
| SEAFDEC | ☐     | ☐    | ☐           | ☐           | ☐                     | ☐               | ☐          | ☐            |

### RFVR in ASEAN: How Important?

#### Forms of IUU Fishing in ASEAN Region

- ① IUU products from High sea/ RFMOs areas
- ② Pouching of fishes in EEZ's neighboring country
- ③ Illegally exportation: e.g. live reef fish
- ④ Landed of fish/catch across the border

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### RFVR in ASEAN: How Important?

#### ② Pouching of fishes in EEZ' neighboring country

For Instance:

- ✓ 2012: 144 boats from Vietnam, Philippines and Thailand were nabbed in Natuna, Indonesia (higher than 2011)
- ✓ 1991-2002: 1,214 boats from 5 ASEAN countries and Outside were detained in Malaysia
- ✓ 2012: 12 Vietnam fishing boats were arrested in Thai waters

**Use RFVR to seek information of Vessel that performed IUU fishing in-outside EEZ**

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### RFVR in ASEAN: How Important?

#### ④ Double Flagging: across borders

For Instance:

- ✓ Landed/unloaded of fish across borders without authorized
- ✓ Fly double flagging

**Use RFVR to check and monitor the Vessel that fly double flagging within the ASEAN Region**

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### How Efficiency of ASEAN RFVR for 24m in Length and Over? Compare to RFMOs

Taking into accounts the key elements/information of RFVR as tools to combat IUU Fishing:

|                                |                                  |
|--------------------------------|----------------------------------|
| ❖ Flag                         | } Already included in ASEAN-RFVR |
| ❖ Vessel Name                  |                                  |
| ❖ Vessel Type                  |                                  |
| ❖ Int'l Radio Call sign (IRCS) | } Not yet included               |
| ❖ Owner                        |                                  |
| ❖ Registry Number              |                                  |
| ❖ IMO number (if required)     |                                  |

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### Improve Efficiency of the ASEAN RFVR by Inclusion of Registry Number & Owner name?

| No. | Information on fishing vessel       | BN |   | ID |   | MY |   | MM |   | PH |   | TH |   | VN |   |
|-----|-------------------------------------|----|---|----|---|----|---|----|---|----|---|----|---|----|---|
|     |                                     | S  | D | S  | D | S  | D | S  | D | S  | D | S  | D | S  | D |
| 1   | Name of vessel (English Language)   | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 2   | Type of fishing method/gear         | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 3   | Port of registry                    | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 4   | Gross tonnage (GRT/GT)              | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 5   | Length (L)                          | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 6   | Breadth (B)                         | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 7   | Depth (D)                           | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 8   | Engine Power                        | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 9   | Shipyard                            | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 10  | Date of launching                   | -  | - | ✓  | ✓ | ✓  | ✓ | -  | - | ✓  | ✓ | -  | - | ✓  | ✓ |
| 11  | International Radio Call Sign       | ✓  | ✓ | -  | - | -  | - | -  | - | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 12  | Engine brand                        | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 13  | Serial number of engine             | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 14  | Hull material                       | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 15  | Date of registration                | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 16  | Area (country) of fishing operation | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 17  | Nationality of vessel (flag)        | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 18  | Previous name (if any)              | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 19  | Previous flag (if any)              | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 20  | Name of captain/master              | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 21  | Nationality of captain/master       | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 22  | Number of crew                      | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |
| 23  | Nationality of crew                 | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ | ✓  | ✓ |

**24. Registry Number**  
**25. Owner name**

### Recommendations by Council Directors of SEAFDEC

◇ SEAFDEC to consider the voluntary IMO Numbering Scheme (7 digit number identifier)

**Refers to RES. A.600 (15)**

Application:

- 2) The scheme applies to seagoing ships of 100gross tonnages and above exception of the following:
  - >> vessel solely engaged in fishing,
  - >> wooden ships in general

20-21 August 2014, Pattaya, Thailand 14

# THANK YOU

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20-21 August 2014, Pattaya, Thailand 15

### Improve Efficiency of the ASEAN RFVR by Inclusion of Registry Number & Owner name?

| No. | Information on fishing vessel       | Indonesia |     | Malaysia |     | Myanmar |     | Thailand |     | Vietnam |     |
|-----|-------------------------------------|-----------|-----|----------|-----|---------|-----|----------|-----|---------|-----|
|     |                                     | Q*        | D** | Q*       | D** | Q*      | D** | Q*       | D** | Q*      | D** |
| 1   | Name of vessel                      | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | -   |
| 2   | Type of fishing method/gear         | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 3   | Port of registry                    | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 4   | Gross tonnage (GRT/GT)              | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 5   | Length (L)                          | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 6   | Breadth (B)                         | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 7   | Depth (D)                           | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 8   | Engine Power                        | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 9   | Shipyard                            | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 10  | Date of launching                   | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 11  | International Radio Call Sign       | -         | -   | -        | -   | -       | -   | ✓        | ✓   | -       | -   |
| 12  | Engine brand                        | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 13  | Serial number of engine             | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | -       | -   |
| 14  | Hull material                       | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 15  | Date of registration                | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 16  | Area (country) of fishing operation | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 17  | Nationality of vessel (flag)        | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 18  | Previous name (if any)              | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 19  | Previous flag (if any)              | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 20  | Name of captain/master              | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 21  | Nationality of captain/master       | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 22  | Number of crew                      | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |
| 23  | Nationality of crew                 | ✓         | ✓   | ✓        | ✓   | ✓       | ✓   | ✓        | ✓   | ✓       | ✓   |

**24. Registry Number**  
**25. Owner name**

**AGENDA 6**

## Discussion on Additional Data Requirements to Increase Efficiency of the RFVR and Effectively Management of the System

**SOMBOON SIRIRAKSOPHON**  
 Policy and Program Coordinator  
 20-21 August 2014, Pattaya, Thailand

### Consideration for additional information to be included in the ASEAN RFVR

Taking into accounts the other important information of RFVR as tools to combat IUU Fishing:

- ❖ Owner Name
- ❖ Registry Number or Vessel Number
- ❖ IMO number (if available)
- ❖ Others?

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### Available Data Based on Country Profiles for Vessel Registration & Licensing in 7 AMS

| Info.           | BN                       | ID                       | MM                       | MY                       | PH                       | TH                       | VN                       |
|-----------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Owner Name      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Registry Number | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Shared to RFMOs |                          | <input type="checkbox"/> |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |

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### Agreement by 7 AMS to share in the RFVR for 24m in length and over

| Info.           | BN                       | ID                       | MM                       | MY                       | PH                       | TH                               | VN                       |
|-----------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------------------|--------------------------|
| Owner Name      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Will be consulted and law issues | <input type="checkbox"/> |
| Registry Number | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>         | <input type="checkbox"/> |
| Shared to RFMOs |                          | <input type="checkbox"/> |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>         |                          |

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### Establishing Process of the RFVR

**Add some information to the Basic Requirements**

Based on 23 basic information | Plus addition information

**7 AMS submit the updated basic information to SEAFDEC**

By end of September 14 | Upload to System by October 14

**Report a Progress on Establishment of RFVR Database**

At 17<sup>th</sup> FCG/ASSP in December 14 | At 23<sup>rd</sup> ASWGF in June-July 2015

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### Management of the RFVR System

**Data Inputs to the RFVR System (excel format)**

From AMS by end of September>>> uploading By October 2014

**Online Trials**

Online Trials by Country within November 2014 (provide Password)

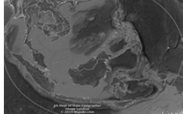
**Regular Updating of the RFVR (annually or bi-annually)**

Set-up the National Focal Point | Submission of updated information

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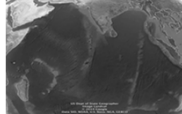
### Updating the RFVR 24m & over-1

#### ASEAN RFVR



- ASEAN Member States manage EEZ
- Large number of authorized fishing vessels in the EEZ and Region
- Burden in real-time updating the status of authorized vessels
- Aims as tools to combat IUU fishing

#### RFMOs: IOTC



- IOTC manage the area
- Limited number of authorized vessels from ASEAN operated
- Able to update real-time the status by country
- Aims as tools & manage the vessels

20-21 August 2014, Pattaya, Thailand 7

### Updating the RFVR 24m & over-2

#### SEAFDEC proposes to

- Updating **annually in principle** aligned with the current national fishing vessel statistic
- Updating a **new list of vessel information** while keep record of the previous year information in the system for cross-check and future analysis
- **Other activities** on the change of the status of fishing vessel should be provided to SEAFDEC as a center for **sharing to AMS**

20-21 August 2014, Pattaya, Thailand 8

### Capacity Building Requirements

Refers to the **46<sup>th</sup> Meeting of Council Directors:**

**MM:** to provide technical support on the use of database software for development of the country's electronic database.


**ID:** Converting fishing vessel measurements into meters.

**VN:** Converting vessel measurement from horsepower to Gross Tonnage

20-21 August 2014, Pattaya, Thailand 9

### Future Considerations

- RFVR for fishing vessel less than 24m
- Fishing Vessel Marking for ASEAN Region
- Others



20-21 August 2014, Pattaya, Thailand 10



# THANK YOU

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11



## CLOSING REMARKS

*Mr. Hajime Kawamura*  
**SEAFDEC Deputy Secretary General & Deputy Chief of TD**  
**Technical Workshop on Regional Fishing Vessel Record (RFVR)**  
**Database Development and Management in Southeast Asia**  
**Pattaya, Chonburi Province, Thailand, 20-21 August 2014**

Distinguished Guests, Participants, Ladies and Gentlemen, Good afternoon!

First of all, please allow me to thank you for your active participation in our two-day Workshop. And I'm also very thankful to you and your colleagues to provide concerned information prior to this Workshop so that we could discuss efficiently.

Today we could reach to the expected goal and agreed the basic structure of Regional Fishing Vessels Record (RFVR) Database. Because RFVR Database is just one of tools to combat with IUU fishing, SEAFDEC and each Member Countries need to make efforts to complete it for use as soon as possible. At this juncture, please allow me to assure you that SEAFDEC would strengthen the collaborative efforts that we have enhanced during this Workshop.

Now we've got a great tool. As we discussed in the Two-days WS, the way forward is how to combat with IUU fishing using this big tool and also how to improve our tool. SEAFDEC with close collaboration with Member Countries would enhance related activities for combating IUU fishing.

With that, Ladies and Gentlemen, let me now declare this Technical Workshop closed. Lastly, I wish you all safe journey on your return to your respective countries. Thank you once again and hope to see you again when we discuss our next steps that would finally lead us to attaining our objective of reducing IUU fishing in Southeast Asia. Thank you and good day!



**TRAINING DEPARTMENT**  
**Southeast Asian Fisheries Development Center**  
**[www.seafdec.or.th](http://www.seafdec.or.th)**

