



**Provisional Prospectus**  
**The Online meeting on Cruise Planning on Sensory Evaluation of Volume  
of Stocks in the Natural Environment of *Sardinella lemuru* (Bleeker, 1853)  
and Other Pelagic Species in the Philippine Waters**

Prepared by  
Research and Development Division  
Training Department  
Southeast Asian Fisheries Development Center

**Introduction**

Since the establishment of SEAFDEC in 1968, the technical support to Member Countries on marine capture and exploitation of fisheries resources focused on using SEAFDEC's research vessels has been one of the significant mandates of SEAFDEC.

Based on this mandate, M.V. SEAFDEC2 has been utilized for conducting a fisheries resources and marine environmental survey in Philippine water for 7 cruises. The results from the survey could facilitate the establishment and implementation of a comprehensive policy for the sustainable management and development of marine capture fisheries at national and sub-regional levels. With this success, SEAFDEC and the Philippines look continuously forward to conducting the collaborative survey

During 2021, the Philippines requested to utilize M.V. SEAFDEC2 to carry out a national fisheries resource and marine environment survey at 53<sup>rd</sup> SEAFDEC Council Meeting. This cruise aims to provide the information requested for the amendment of the Codex standard for Canned Sardine and Sardine-type Products (CXS 94-1981) to include *Sardinella lemuru* (Bali Sardinella) in the list of *Sardinella* species and determine the composition, distribution, and biomass of current pelagic species present in Northern Palawan and Zambonga-Sulu peninsula.

To follow up on the request, SEAFDEC and the Department of Agriculture, National Fisheries Research and Development Institute, the Philippines (DA-FRDI) initiated to development of the cruise plan in June 2021. It was found that the main activity of this cruise is estimated biomass by using the hydroacoustic SIMRAD EK80 which was installed on M.V. SEAFDEC 2 in 2021. The meeting report is enclosed.

During the development of the cruise plan the cruise, SEAFDEC/TD, and the Philippines focal point faced the problem regarding EK80 equipment. To estimate the biomass, there are 2 processes including field survey recording and data analysis. SEAFDEC is able to support field survey recording but the data analysis is beyond SEAFDEC's capacity since it requires a specialist and specific analysis program for SIMRAD EK-80.

Therefore, SEAFDEC is necessary to conduct a technical meeting to find out the solution in this matter by consulting with ASIAN specialist for EK80 who have had worked with the SEAFDEC cruise survey.

### **Objectives**

- To determine survey duration period
- To confirm in detail of survey activities
- To clarify detail of expense

### **Expected Outcomes**

- Final cruise plan
- Agreement of cost sharing

### **Target Participants**

- Philippine focal point and DA-FRDI researcher
- Mr. Vudthirat Vudthipanyo
- Mr. Sukchai Arnupapboon
- Dr. Nopporn Manajit
- Mr. Nakaret Yasook
- Ms. Siriporn Pangsorn
- Mr. Isara Chanrachkij
- Dr. Taweekeit Amornpiyakrit
- 

**Date and Time** (12 April 2022)

### **Agenda**

- Introduction of survey (presented by Philippines)
- Research activity onboard, focus on research methods, Particularly EK-80 (presented by Philippines)
- Updated SEAFDEC research equipment (presented by SEAFDEC/TD)
- Survey expense and SEAFDEC's cost-sharing (presented by SEAFDEC/TD)
- Others

### **Contact person**

Mr. Sukchai Arnupapboon  
Acting Head of the Research and Development Division  
SEAFDEC Training Department  
Email: [sukchai@seafdec.org](mailto:sukchai@seafdec.org)

Ms. Siriporn Pangsorn  
Fishery Oceanographer

SEAFDEC Training Department  
Email: [psiriporn@seafdec.org](mailto:psiriporn@seafdec.org)

Ms. Nathacha Sornvaree  
Administrative Officer  
Research and Development Division SEAFDEC Training Department  
Email: [natha@seafdec.org](mailto:natha@seafdec.org)