

# M.V. SEAFDEC 2

FISHERIES AND RESEARCH VESSEL  
Call Sign : HSHU

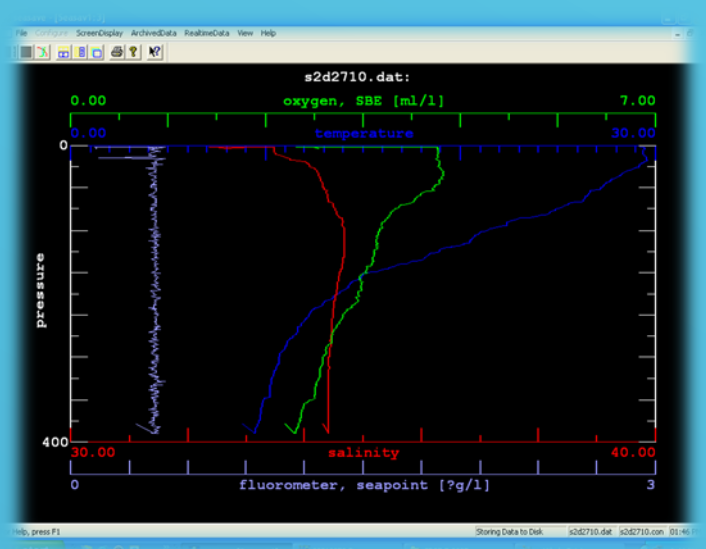
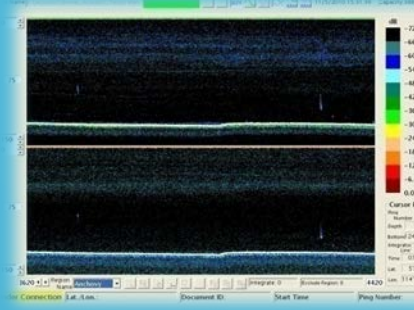


## + Fishing Gear Equipment

- Bottom and Mid-Water Trawl
- Long Line Fishing
- Deep Sea Pot (Crab Pots, Shrimp Pots)
- Automatic Squid Jigging Machines
- Drift Gill Net

## + Navigation Equipment and Fishing aid Equipment

- ECDIS
- RADAR
- Echo Sounder
- Scientific Echo Sounder SIMRAD EK-80
- Mapping SONAR
- Complete Navigation System
- Global Maritime Distress and Safety System (GMDSS)



## + Oceanographic Survey Equipment

- CTD system
- Digital XCTD
- Plankton / Larvae Net
- Water Sampler
- Core Sampler
- Bottom Sampler
- Current Observation Unit
- Laboratory Equipment
- NOAA Information Receiver

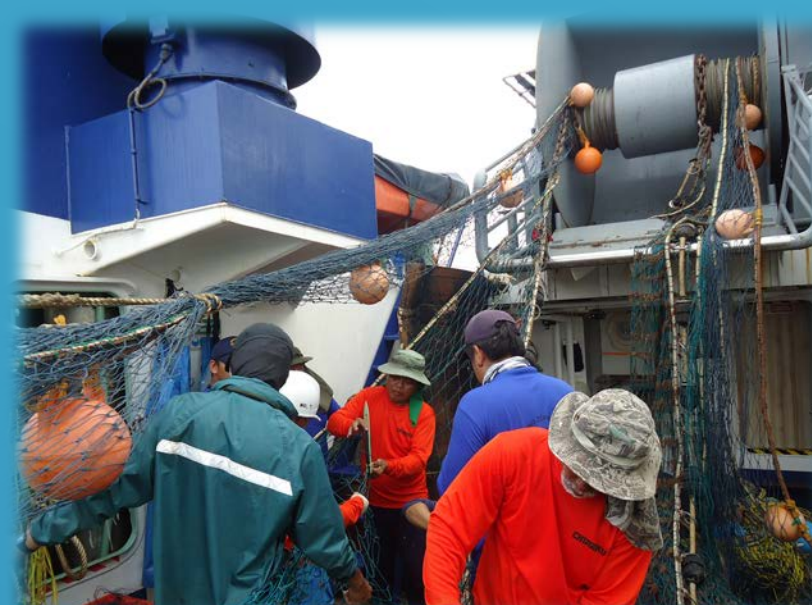
## Vietnam (Cruise No.54-1/2017)

### + Fisheries Resources Survey

- Hydro-acoustic Survey
- Fisheries Resources Sampling
- Oceanographic Survey
  - CTD
  - Phytoplankton net
  - Zooplankton net
  - Bongo net
  - Larvae net and Neuston net

### + Sampling Station

- Acoustic Survey : Distance 4,228 Nms.
- Bottom Trawl : 80 Operation
- Mid-Water Trawl : 40 Operation
- Oceanographic Survey : 120 Station



## Gulf of Thailand (Cruise No.56-1/2018)

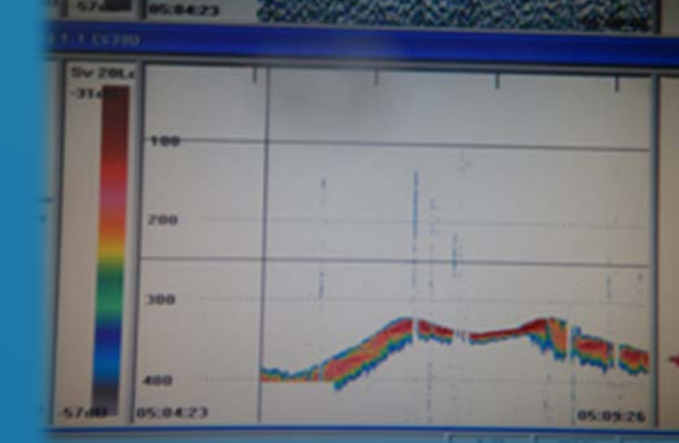
### + Fisheries Resources Survey

- Fisheries Resources Survey Sampling
  - Bottom Trawl
  - Hydro-acoustic Survey
- Oceanographic Survey
  - CTD
  - Current Indicator
  - Thermo Salino Graph System (TSG)
  - Temperature and Depth Recorder
  - Phytoplankton Net
  - Zooplankton Net
  - Bongo
  - Neuston Net



## Labuan, Malaysia (Sarawak water) (Cruise No.60-4/2019)

- + Sea Trial of Mid-Water Trawl
- + Practice on the small pelagic fishery resources survey
- Hydro-acoustic equipment
- + Demonstrate automatic squid jigging machine operations



## + TENTATIVE CRUISE PLAN, YEAR 2021

### - UPPER PART OF GULF OF THAILAND (6 DAYS)

OBJECTIVES : CONDUCT TRAWL FISHING OPERATIONS TO COMPARISON ON THE CATCH PER UNIT EFFORT (CPUE) OF FISHERIES RESOURCES SURVEY BETWEEN RESEARCH VESSEL OF SEAFDEC TRAINING DEPARTMENT AND DEPARTMENT OF FISHERIES THAILAND

### - GULF OF THAILAND (47 DAYS)

OBJECTIVES : 1) CONDUCT THE MARINE FISHERIES RESOURCES RESEARCH SURVEY IN THE GULF OF THAILAND  
2) CONDUCT THE MARINE DEBRIS RESEARCH SURVEY IN THE GULF OF THAILAND  
3) RESEARCHER AND CREW TRAINING ON MARINE FISHERIES RESOURCES AND MARINE DEBRIS OBSERVATION ONBOARD RESEARCH VESSEL

### - GULF OF THAILAND (40 DAYS)

OBJECTIVE : MARINE ENVIRONMENT AND FISHERIES RESOURCES SURVEY AND EVALUATE THE IMPACTS OF MICROPLASTICS ON THE FISHERIES RESOURCES IN THE GULF OF THAILAND



[www.seafdec.or.th](http://www.seafdec.or.th)