

Ministry of Agriculture , Livestock and irrigation
Department of Fisheries
Research and Development Division (Research and Fisheries Resources
Conservation Section)

The objective of the Research and Fisheries Resources Conservation Section

1. To support the mandated vision of the Department of Fisheries in undertaking sustainable fisheries management to reach food fish security. Carrying out research activities related to fish industry for long-term sustainable development of fish processing.

The Research and Conservation Unit's Research and Sustainable Fisheries Conservation Activities.

2. The Research and Conservation Unit's fisheries Research and Conservation Conducted are as follow:
 - A. Evaluate inland freshwater fisheries produces and the status of the resources .And then Stock assessment of fresh water species.
 - B. Evaluate Myanmar water and coastal region of marine fisheries produces and the status of the resources. And then stock assessment of Marine species.
 - C. Classification of freshwater and marine water fish and aquatic animals according to the zoological nomenclature system and Preservation of specimens by the Museum.
 - D. Discover and protect breeding or spawning grounds and nursery grounds of commercially important species.

Dr. Fridtjof Nansen research vessel conducted on fish resources

3. Fishries resource observation by the Dr.Fridtjof Nansen research vessel from September to November 1979.(1) Researched once; 1980 From March to

April (1) 2013 (1)time ; from November (13) to December (19) 2015 (1)once ; from April (25) to June (18) 2018 (1); from August (24) to September (29) *1);A total of (5) research operations have been completed in Myanmar Sea.

For the 2024–2025 in–shore waters to be researched, the Department has submitted to the Ministry to cooperate with the Tanintharyi Fisheries Federation (TRFF) to study the existence of fish resources and the spawning season in the water depth of 20 meters along the coast of Tanintharyi.

2023 – 2024 development status of fish resource conservation status

4. The status of Blood clam research activities

Blood clam species research started in December 2022 with the help of TRFF Fund in Myeik District's Kyun Su Township and Blood clam farm villages and natural spawning areas in Myeik Township and ended in March 2024. An instruction has been issued to require (120) Blood clam and 25 mm in size for (1) kg for overseas export. A dissemination workshop has been conducted for the preservation of blood clam spawning grounds. According to the results, to issue directives for (3) conservation areas where blood clam should not be captured at all is being carried out. The results of the blood clam research work will be compiled and a report will be published and information and education will be carried out for the benefit of the local communities.

5. Establishing fish conservation zones in collaboration with Indawgy local community themselves.

Fauna and Flora (FFI) is implementing inland conservation area projects in collaboration with the department of fisheries In the Indawgy region, since 2013, in collaboration with the local residents, fish studies have been carried out in the Indawgy Lake and watershed areas, and a total of (6) fish conservation zones that meet the criteria have been selected together. In 2015, the head of Kachin

State Fisheries Department designated a total of (6) conservation zones as official conservation zones.

In addition to those conservation zones (6) that meet the criteria, the Namplang Freshwater Turtle and Fish Conservation Area of Namplang Creek in “Mana khoL” Village has been submitted to the head of the State Fisheries Department in 2024 with comments from local and village administrators.

6. Establishment of fish conservation zones in Tanintharyi Region and Ayeyarwaddy Region

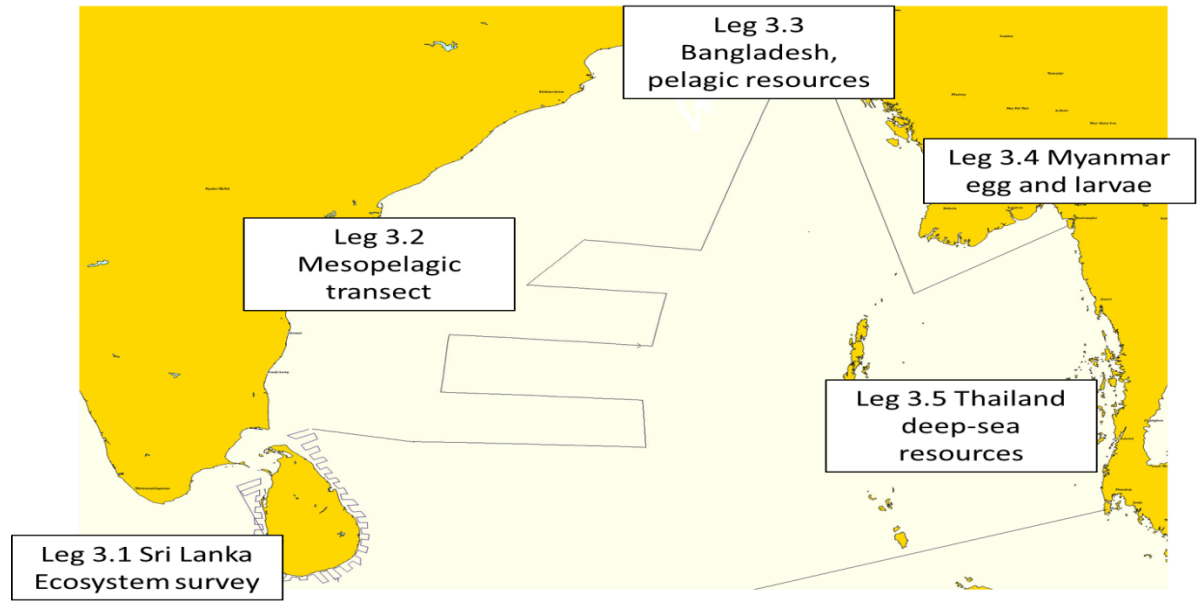
FFI is implementing conservation projects in collaboration with the department of fisheries (DoF) and is supported Tanintharyi Government to establish Locally Managed Marine Areas (LMMAs) in Myeik Archipelago are (9972.668) total hectares. Community-based “La Ngan” marine conservation area is (4491.668) hectares and “Done Pelal Aww” marine conservation area is (4491.668) hectares and “Linn Lun” – “Pa law War: marine conservation area is (4491.668) hectares.

In 2024, the residents of (4) villages located on Dom Island in Tanintharyi Region will continue to officially recognize marine conservation areas by the Department of Fisheries. In addition, “Ayeyarwaddy” Region, “Shwe Taung yan” (Ma Gyi), The Department of Fisheries will proceed to recognize the Marine conservation areas under the leadership of the local residents of the villages in “Do mal” and “Kan maw” Islands in Tanintharyi Region.

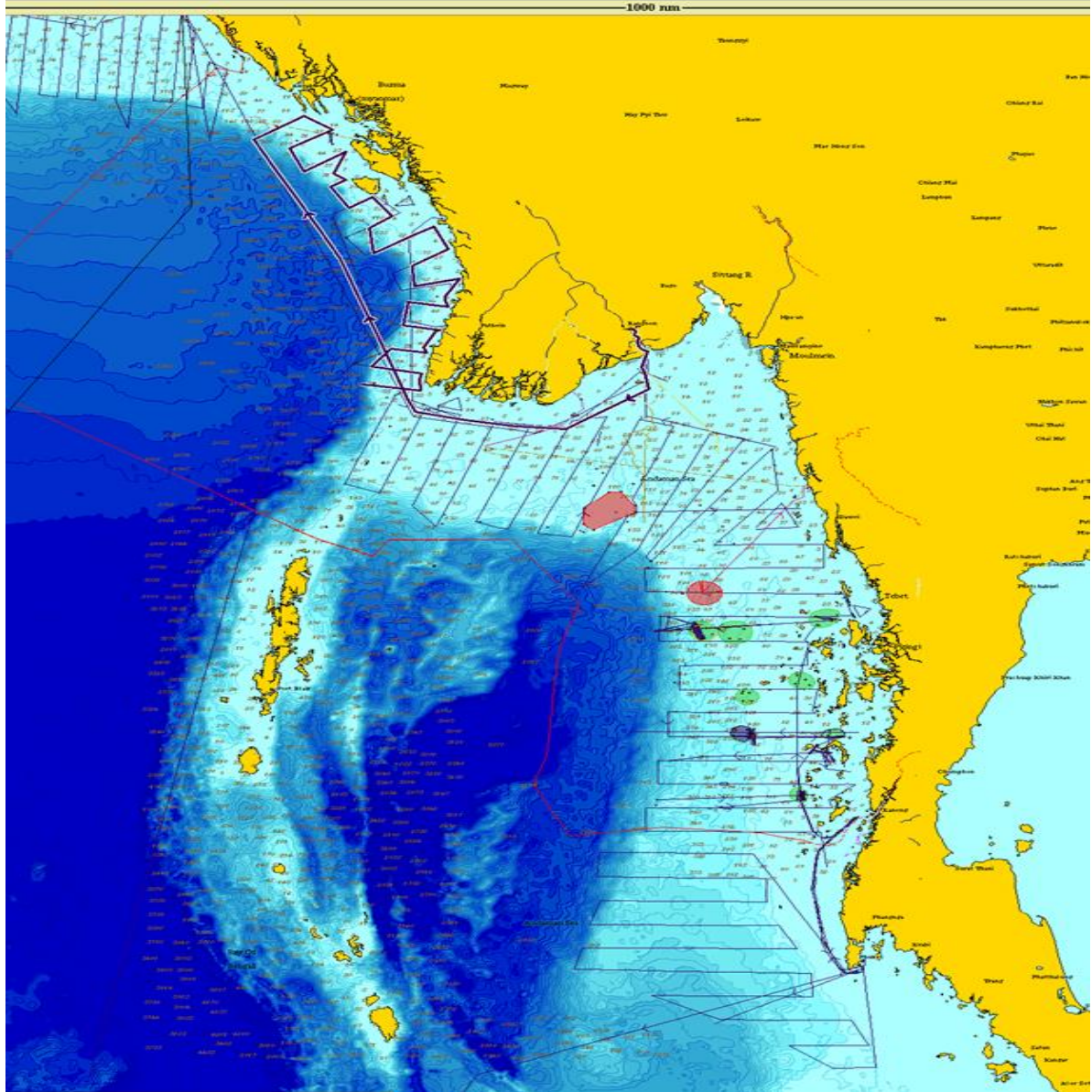
Dr. Fridtjof Nansen research vessel conducted on fish resources



Surveys 2018 – Leg 3



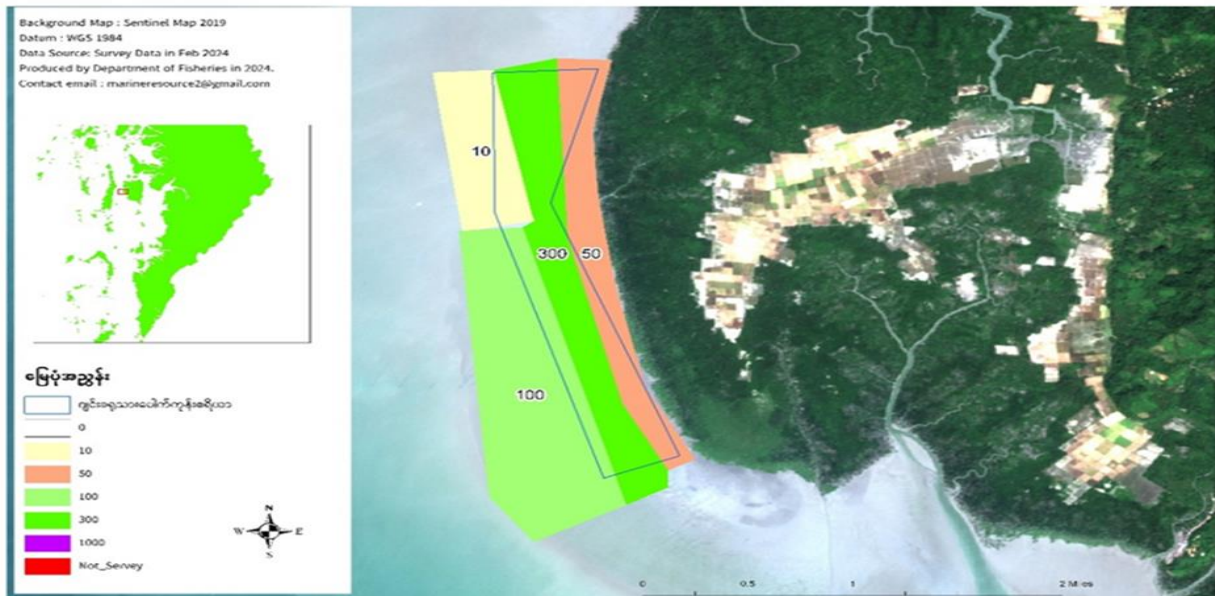
Surveys 2018 – Leg 3



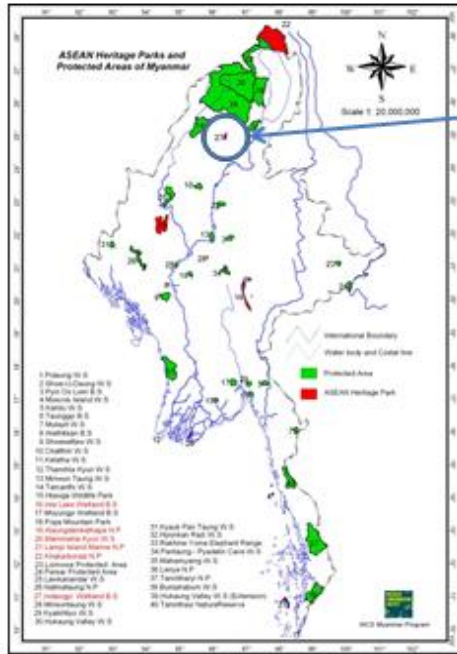
The status of Blood clam research activities



ရေကန်တောင်ကျင်းသားပေါက်ကုန်းအတွင်း ရွှံ့ (၃) ကီလိုဂရမ်တွင် ဗျမ်းမျှကျင်းခရုသားပေါက်ပါဝင်မှုအရေအတွက်ပြ မြေပုံ



Establishing fish conservation zones in collaboration with Indawgyi local community themselves



Location Mohnyin Township
 Kachin State

Establish on 4.3.1999

Year Gazetted 9.8.2004

PA Area 815 km²

Water body (12,000 Ha)
Terrestrial (60,500 Ha)



	News to Sciences	
<i>Epidocephalichthys</i> sp. Indawgyi		<i>Acanthocobitis</i> sp. Indawgyi
	Totally 93 species	
<i>Physoschistura</i> sp. Indawgyi		<i>Schistura</i> sp. aff. malaisei
		<i>Schistura</i> sp. Indawgyi
	Endemic Species	
<i>Microphis dunckeri</i>		<i>Amblyiceps</i> sp. Indawgyi
		<i>Indostomus paradoxus</i>

marine conservation Ma Gyi LMMA areas in Ayawaddy Region

