

India Kerala shrimp and cephalopods - trawl

Overview

FIP Description

This FIP concentrates on the stocks of the following species: Karikkadi shrimp (*Parapenaeopsis stylifera*), Poovalan shrimp (*Metapenaeus dobsoni*), cuttlefish (*Sepia pharaonis*), squid (*Uroteuthis duvaucelli*), and octopus (*Amphioctopus neglectus*, *A. marginatus*). For the pre-assessment, the management unit is the stock of these five species found in Kerala coastal waters.

The fishing gear for this FIP is trawls. The fishery is a mixed fishery, targeting shrimp, cephalopods and fish. Shrimp trawls use a different (smaller) cod-end to the fish and cephalopod trawls (see regulations below). The cephalopod trawl uses the same mesh size as the fish trawl but is reportedly rigged slightly off-bottom, by adjusting the rigging of doors; in fact, it is rigged somewhat differently for each target species of cephalopod. Cephalopods are also targeted in shrimp trawls rigged to have a high opening. Vessels may carry several trawls on board. Fishing trips last three to four days at the beginning of the season (August/Sept) and can increase up to 15 days later in the season (April/May), depending on the storage, ice and fuel capacity of the vessel.

The responsibility for marine fisheries in India is shared between the National (Central) and State governments. The national legal framework in India gives individual States control of the seas and living marine resources up to 12 nautical miles (nm) from the shore, while the Central Government has control from 12 nm to the 200 nm exclusive economic zone (EEZ) boundary. Although this fishery operates inside and outside 12 nm, management jurisdiction in practice is with the Kerala fisheries department. There is however a potential for the stocks under assessment to be shared with neighbouring states, i.e., Karnataka, and also the central government, if the stocks? ranges extend past the 12 nm demarcation.

According to the World Bank (2010) report, there are five major legal instruments of the Central government that directly govern marine fisheries and activities:

- The Indian Fisheries Act, 1897;
- Marine Products Export Development Authority Act 1972 (No. 13 of 1972);
- The Maritime Zones of India (Regulation of fishing by foreign vessels) Act, 1981 (No. 42 of 1981);
- The Maritime Zones of India (Regulation of fishing by foreign vessels) Rules, 1982;

- The Operation of Deep Sea Fishing Vessels, 20m OAL and above, Notifications dated 14 December 2006.

State legislation is based on a model Act prepared by the central government in 1979 (World Bank, 2010) with each State developing its own marine fisheries legislation to manage fisheries in their respective area. In Kerala State, fisheries management is guided by the *Kerala Marine Fishing Regulation Act, 1980* (KMFR Act). It was amended in 2017 and is in the process of being implemented across the State.

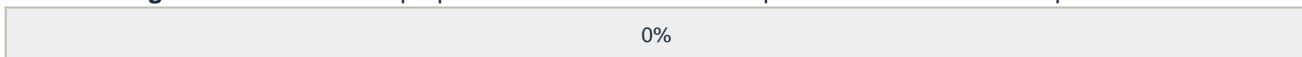
[Perfil de FIP en Español](#)

How is this FIP Doing?

Current Status:



Actions Progress This shows the proportion of actions in the workplan that the FIP has completed.



Actions Overview This shows the proportion of actions that are behind schedule, on track, completed, or not yet started.

| Behind | On Track | Complete | Future |
|--------|----------|----------|--------|
| 0% | 75% | 0% | 25% |

Red Indicator Progress This shows the proportion of actions specifically addressing red indicators that are behind schedule, on track, completed, or not yet started. This helps users understand the progress the FIP is making on the biggest challenges in the fishery.

| Behind | On Track | Complete | Future |
|--------|----------|----------|--------|
| 0% | 70% | 0% | 30% |

FIP Progress Rating



FIP Objective(s)

Achieve MSC certification by 2024.

FIP Type

Comprehensive

FIP Stage

Stage 3: FIP Implementation

Start and Projected End Dates

February, 2019 -
February, 2024

Species**Common Name**

Kiddi Prawn

Scientific Name

Parapenaeopsis stylifera

Additional Names

Karikkadi shrimp, kiddi prawn

Common Name

Flower Tail Shrimp

Scientific Name

Metapenaeus dobsoni

Additional Names

Poovalan shrimp, flower tail shrimp

Common Name

Neglected Octopus

Scientific Name

Amphioctopus neglectus

Additional Names

Octopus, neglected octopus

Common Name

Indian Squid

Scientific Name

Uroteuthis duvaucelli

Additional Names

squid

Common Name

Pharaoh Cuttlefish

Scientific Name

Sepia pharaonis

Additional Names

Pharoah cuttlefish

Gear Type

[Trawl](#)

Location**FAO Major Fishing Area**

[Area 51 \(Indian Ocean, Western\)](#)

Exclusive Economic Zones**Country**

India

Geographic Scope

Kerala, South-West region of India

FIP Volume

78940 metric tons

FIP Leads

Organization Name

Seafood Exporters Association of India - Kerala Forum for Crustacean and Cephalopod Sustainability(SEAI-KFCCS)

Organization Type

Industry

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