



# Hand Operated Winch for Tuna Long Line Operation

Effective method to catch large size sashimi grade tuna.

## Technology Description

Hand operated stainless steel (Grade IS 304) winch for fishing boats to carry out tuna long line operation. The drum can store 5000 m of 3.00 mm dia. polyamide monofilament twine and 100 hooks can be easily operated.

## Background

The fishermen of Lakshadweep operate pole and line and target only skipjack tuna. There is a high potential of catching yellow fin tuna also.

## Benefits / Utility

Long line technology is a diversified fishing method, will help to catch large Yellow fin Tuna.

## Country Context

India

## Scalability

Yellow fin tuna is big in size and high value fish. Long line technology is

## Business and Commercial Potential

Fishermen, Entrepreneurs and self help groups

## Potential investors to this technical innovation

Self help group women, Fishermen, Entrepreneurs, Sea food



Dr. E M Abdussamad  
[emasamad@dediffmail.com](mailto:emasamad@dediffmail.com)  
 +91 9496180535

## Financials

Total Capital Investment(excluding Land and licensing fees) : Rs



## Target Market / Customer

Fishing vessels mainly operating at Lakshadweep for Tuna fishing

## Social impact of the technology

This technique will help the fishermen to catch tuna, which is highly priced in the export market. Ultimately it will help the fishermen to get better returns and improve their livelihood status.

## Any other relevant information

The fishermen of Lakshadweep operate pole and line and target only skipjack tuna. The long line technology is a diversified fishing method and will help to catch large yellow fin tuna. This technology will help the financial up-liftment of the poor fishermen.



Name Of institute:  
 Central Marine Fisheries Research Institute. Cochin  
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 Standardized  
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Scientific Experts:  
 Dr. E M Abdussamad