

RESEARCH ARTICLE

Inboard diesel engine fitted with gill netters operating along Ratnagiri coast

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ABSTRACT

Mirkarwada is one of the important mechanized fish landing center of Ratnagiri. It is well constructed major fishing harbour, which provides a birthing and fish landing facilities for all kinds of vessels, since 1988-89. Wooden gill netters (4), FRP gill netters (6) fitted with marine diesel engine were operated from Mirkarwada, Ratnagiri. Kirloskar W/C model diesel engines (90%) and of Ashok Leyland AL-370 model diesel engine (10%) were fitted on the gill netters. Overall length (OAL) of gill netters ranged from 28.30 to 38.62 ft, breadth 7.15 to 10.15 ft, depth 2.83 to 5.32 ft, gross tonnage 4.14 to 9.54 tonnes, net tonnage 3.6 to 8.29 tonnes, horse power 10 to 99.27 hp, RPM 500 to 1500 rpm, fuel consumption litres per hour 7 to 12 l/hr, propeller diameter 15 to 29.9 inch and propeller pitch 10 to 19.6 inch.

KEY WORDS : Diesel engines, Gill netters, Fuel consumption

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