ASSESSMENT THE EFFICIENCY OF BOTTOM GILLNET ACTIVITIES IN QUANG NAM
Pham Van Tuan, Phan Dang Liem, Do Van Thanh

Summary
The survey results of the bottom gillnets in Quang Nam show that: Fishing boats were made of wood and are built in the traditional pattern. Main engines were Misubishi Volvo, Isuzu, Yanmar. The bottom gillnet using net material is polyamide (PA mono). The bottom gillnet used in practice has different parameters for mesh size, net height and mesh cover. The main exploiters of bottom gillnet are fish, crab, cuttlefish, some species of shrimps, etc. The average productivity of bottom gillnet fishing vessels below 50 cv reaches 149.2 kg/day/vessel; 50 - <90 cv reaching 168.2 kg/day/vessel; 90 - <250 cv, reaching 182.5 kg/day/vessel; 250 - <400 cv reaching 184.7 kg/day/vessel and ≥ 400 cv reaching 201.5 kg/day/vessel. The productivity of bottom gillnet fishing vessels increased with increasing of the group of vessel engine capacity. The ratio between profit and cost of bottom gillnet fishing is 50.8%, and the upward trend between the groups is not clear. Vessels with a capacity of <50 cv have the ratio of profit on cost being highest, followed by vessels with a capacity of 50 - <90cv and the lowest is the group of vessels with a capacity of 90- <250 cv. The ratio of profit on cost of bottom gillnet fishery in Quang Nam is higher than that of other fisheries in Central Vietnam.

Keywords: Gillnet, bottom, status, exploitation, economic efficiency.