THE EFFECTIVENESS OF USING HYDRAULIC WINCH IN STICK HELD FALLING NET FISHERY OPERATING IN OFFSHORE

Do Van Thanh, Phan Dang Liem

Summary

The using hydraulic winch model has significantly higher economic return for stick held falling net fishery operating in offshore. The average revenue of the vessels participating in the model (using hydraulic winch) was higher than the control vessels (without hydraulic winch) about 24.1 million VND/trip, while the total cost was less than 5.5 million VND/trip, the profit was higher than about 29.5 million VND per trip. The ratio of profit on cost (DL1) and ratio of profit on revenue (DL2) of the vessels participating in the model was 65.6% and 165.7% respectively, was higher than the control vessels (52.2% and 152.2% respectively). The using hydraulic machinery model has reduced the number of workers on vessel by two people, increasing the number of two to three catch hauls per night, saving twice the cost to buy main ropes, reduced crew labor on vessels and safer working in the sea compared to control vessels.

Keywords: The using hydraulic winch model, stick held falling net fishery, economic return.