EVALUATING THE PRESERVATION TECHNOLOGY LEVEL FOR THE PRODUCTS ON THE OFFSHORE PURSE SEINERS IN VIETNAM

Nguyen Viet Nghia, Bui Thi Thu Hien, Pham Thi Diem, Tran Thi Nga, Pham Van Long

Summary

Purse seine is one of the major fishing fisheries of Vietnamese fishermen. Evaluating the preservation technology level for the products on the purse seiners are bases on four groups of criterio like equipments, human resources, information and management according to the Circular 04/2014/TT-BKHCN. The assessment results showed that equipments have been simple and primitive. Most fish preservation holds are made of wood combined with foam without preservation equipment, accout for 87.4%. The remainder quality of fish preservation holds from 75% up to, occupy 75.7% in total purse seiners. The product preservation equipments are plastic tray and average 400-700 tray/vessel. Fishing boats have used preserving method by ice, account for 95% and the quality of the ice isn’t checked. A large amount of ice has lost up to 30% for each journey. Most of onboard fishermen are education level 1, appropriate 57.6% and the preservation techniques base on experiences, the number of fishermen trained lowly, account for 26.1%. Almost, purse seiners are not update the information on preservation technology, occupy 93.5%. Rating of preservation technology level for the products on the offshore purse seiners are on average, total score (35/100), so it impact directly to the quality, value, economic efficiency of the purse seine fisheries.

Keywords: Product preservation technology, technological level, purse seine fisheries.