NOOR KHOLIFA. Determination Of The Optimum Mesh Size For Skipjack Tuna Drift Gill Nets From Fish Landed On The TPI Palabuhanratu.
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The study a selectivity generally are carried out by experimental fishing. However Kawamura and Matsuoka based on fish landed. The objective of aims study was to estimate selectivity curve usually Matsuoka methods, to obtain frequency distribution of fork length of skipjack tuna, caught is different mesh size to determine mesh size of drift gill net for catching skipjack.

The result indirection length distribution of skipjack tuna caught by gill net of mesh size 4, 4.5 and 5.5 inch ranged from 442.5 – 447.5 mm, 472.5 – 477.5 mm and 527.5 – 532.5 mm, respectively value of L50% of drift gill net of mesh size 4, 4.5 and 5.5 inch ranged from 446 – 456 mm, 477 – 494 mm and 517 – 531 mm, respectively this experiment can be concluded that gill net of size 4 inch is the most optimum mesh size for capturing legal size of skipjack tuna.

Keywords: drift gillnet, mesh size, selectivity curve, Matsuoka methods, experimental fishing