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RESEARCH ARTICLE.....

Design aspects of Shark Gill nets of Satpati, Mahatashtra (India)

SHREYAS KHATAVKAR, AJAY DESAI AND **ASHISH S. MOHITE**

ABSTRACT..... Gill net is one of the popular fishing methods along the west coast of India. However, there are regional variation in the design, construction and operation. The present study deals with design, technical specification and operation of Shark gill nets operated off Satpati, Maharashtra. Shark set gill nets were made up of Polyamide (PA) multifilament of diameter 210x4x3 to 210x6x3 mm. Green and red coloured twine was commonly used for the main webbing in Satpati. The mesh size used for this gill net ranged from 90 to 100 mm for the main webbing having. The hanging co-efficient ranged between 0.39 to 0.50 and the hung length varied from 25 to 30 m and the total hung depth varied from 5.07 to 6.15 m. The fleet length of Shark gill net ranged from 2375 to 2875 m. The depth of the operation for Shark gill nets ranged from 60-90 m and were operated as bottom set gill net.

Author for Corresponding -

ASHISH S. MOHITE
Department of Fisheries
Engineering, College of Fisheries,
Shirgaon, RATNAGIRI (M.S.) INDIA
Email: ashishmohite@yahoo.com

See end of the article for
Coopted authors'

KEY WORDS..... Gill net, Design, Shark, *Shahenshah* or *Maghari*, *Scoliodon laticaudus*

HOW TO CITE THIS ARTICLE - Khatavkar, Shreyas, Desai, Ajay and Mohite, Ashish S. (2016). Design aspects of Shark Gill nets of Satpati, Mahatashtra (India). *Asian J. Animal Sci.*, **11**(2): 96-100.

DOI : 10.15740/HAS/TAJAS/11.2/96-100.

ARTICLE CHRONICLE - Received : 08.07.2016; Revised : 08.10.2016; Accepted : 22.10.2016