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RESEARCH ARTICLE.....

## Fish trawl (119 M) of Ratnagiri, Maharashtra (India)

NILESH SAWANT AND ASHISH S. MOHITE

**ABSTRACT.....** The present study deals with the design and technical aspects of high opening bottom fish trawl (119 m) locally known as 62 *Angali Disco Dol*, operated along the Ratnagiri coast of Maharashtra. The material used for the fish trawl is HDPE (High Density Polyethylene) and the knot type used for construction is a single trawl knot. Blue colour multifilament netting twine was normally used, having twine diameter of 1.50 mm for construction of netting of wing and Square section, 1.25 mm for belly; while 1.0 mm twine was used for part of belly, lengthener and cod end section. The mesh size of the wing and square section was 1200 mm and reduced down to the cod end section (18 mm). The net was specifically used to catch Ribbonfish, Squid, Croaker, Pomfret etc. at a depth of 20 to 40 fathoms.

**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'**

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