

## DISTRIBUSI IKAN DAN POLA SEBARAN CAHAYA BAWAH AIR PADA BAGAN MOTOR DI SELAT SUNDA, PROVINSI BANTEN

*(Fish Distribution and Underwater Spread Light Pattern of Bagan Motor  
in The Sunda Strait, Banten Province)*

Oleh:

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### ABSTRACT

*The objective of this research is to study Fish Distribution and Underwater Spread Light Pattern of lift net with engine vessel (bagan motor) in the Sunda Strait, Banten Province. This research was conducted from September 2004 until November 2004, in Mekarsari Village, Pulomerak Sub-district, Cilegon City which borders Sunda Strait. This study aimed to: (1) Assuming underwater spread light pattern and fish distribution during capturing operation; (2) Recommending policy that can be applied to increase the result of capturing using bagan motor. The analysis method of Underwater Light Spread Pattern and Fish Distribution will used two-dimension figure contour light spread pattern. To complete data collected, fish distribution data is combined (overlaid) with two-dimension figure contour light spread pattern which can be taken from marine underwater lux meter. Result of this study indicate that all the fish shoal spread tend between 4 - 10 meters from surface waters.*

**Keywords:** fish distribution, underwater spread light pattern

### ABSTRAK

Obyek penelitian adalah Distribusi Ikan dan Pola Sebaran Cahaya Bawah Air Bagan Motor di Selat Sunda, Provinsi Banten. Penelitian berlangsung pada bulan September 2004 sampai dengan Nopember 2004 di Desa Mekarsari Kecamatan Pulomerak Kota Cilegon Provinsi Banten yang berbatasan dengan Selat Sunda. Penelitian bertujuan untuk: 1) Menduga pola sebaran cahaya bawah

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