



**Establishment and Operation of a Regional System of Fisheries Refugia in  
the South China Sea and Gulf of Thailand**

**REPORT**

**TRAINING FOR SQUID ATTRACTOR  
CONSTRUCTION AS AN INSTRUMENT IN  
ENHANCING SQUID RECRUITMENT**

Pangkal Pinang,  
December 7<sup>th</sup> 2022

Prepared by:

Research Institute for Fish Resource Enhancement (RIFE)  
Agency of Marine and Fisheries Research and Human Resources (AMFRHR)  
Ministry of Marine Affairs and Fisheries (MMAF)

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**SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER  
TRAINING DEPARTMENT**



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Southeast Asian Fisheries Development Center  
Training Department  
P.O.Box 97, Phrasamutchedi, Samut Prakan, Thailand  
Tel: (66) 2 425 6100  
Fax: (66) 2 425 6110  
<https://fisheries-refugia.org> and  
<https://seafdec.or.th>

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**VENUE**

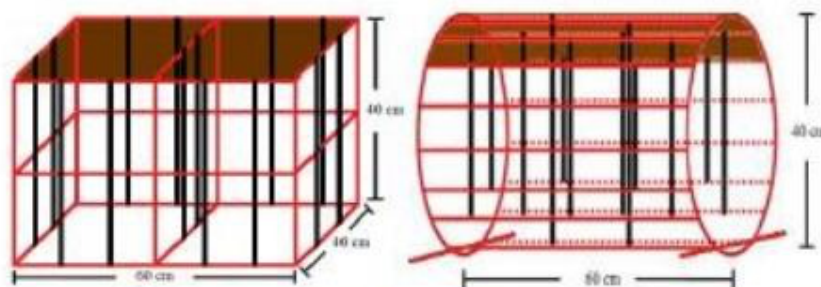
Swiss-Belhotel, Pangkalpinang

**OBJECTIVE OF THE MEETING**

This meeting was aimed to facilitate the local community and stakeholders in constructing a “squid attractor” as a habitat modification instrument to increase the success rate of the squid egg-laying and promote successful recruitment of the squid's early life phase.

**MEETING NOTES Meeting Agenda****Presentation by Trainer (Indra Ambalika Syari)**

Indonesia owns a potency value of squid production achieving 95000 tons (USD 140 million) in 2020. One of the obstacles facing squid resource sustainability was marine water pollution, overfishing, and disturbed reproduction processes. The Squid Attractor is offering a solution to overcome those issues. Squid attractors are considered as one of the fish aggregating devices (FADs) specifically targeting broody squids by offering ideal shelter and preferable substrate for the squids in laying their eggs. These FADs were first developed in Japan as one of the strategies to enhance squid stock in the areas (Baskoro dan Mustaruddin, 2006).



The squid attractor construction design is provided in two types (cylinder and box)

The squid attractor functioned as a habitat for the egg-laying phase (may be operated in squid spawning habitat or restoration zone for squid) and may be considered as an ideal location for squid fishing due to its known that mature squid which has finished their reproduction process (ended by egg-laying phase) shall die. Furthermore, this instrument also offers an opportunity to develop squid aquaculture by harvesting attached squid eggs in the squid attractor and growing them in cages. innovation had been invented to increase the squid attractor efficiency in attracting broody squid to lay their egg, i.e., protection feature to prevent squid eggs, implementing dark rope which was the best texture and color in attracting broody squid.

**LIST OF PARTICIPANTS**

<b>No</b>	<b>Name</b>	<b>Gender (M/F)</b>	<b>Institution</b>
1	Yayan Hikmayani	F	Fisheries Research Center, MMAF
2	Iswari Ratna A.	F	RIFRE, MMAF
3	Esraawaty	F	Public Aquatic Fisheries Research Center and Fisheries Instructor
4	Muhamad Yusuf	M	Public Aquatic Fisheries Research Center and Fisheries Instructor
5	Arsih	M	Fisherman community Simpang Mapur
6	Iwan	M	Tuing Fisherman community
7	Budi Awan	M	Tuing Fisherman community
8	Angga Satria	M	Mapur Fisherman community
9	Riwan Kusmiadi	M	Bangka Belitung University
10	Herman	M	Napoleon Fisherman community
11	Ma'aruf A.	M	Napoleon Fisherman community
12	Adam D.	M	PT Timah
13	Obed A.	M	PT Timah
14	Sugianto	M	Bahari Fisherman community
15	Djunhak	M	Bahari Fisherman community
16	Ode A.D	M	PT Timah
17	Arda	M	Rebo Fisherman community
18	Rusdyansyah	M	Harapan Baru Fisherman community
19	A Febrianto	M	Departement of Maritime Affairs and Fisheries of Bangka Belitung Province
20	Aditya Pamungkas	M	Bangka Belitung University
21	Nilawati	F	Department of Maritime Affairs and Fisheries of Bangka Belitung Province
22	Wahyu	M	Department of Maritime Affairs and Fisheries of Bangka Belitung Province
23	Fhores Fherado	M	Department of Maritime Affairs and Fisheries of Bangka Belitung Province
24	Kurniawan	M	Bangka Belitung University
25	Yeyen Mardyani	F	Regional Planning Agency of Bangka Belitung Province
26	Indra Ambalika	M	Bangka Belitung University
27	Ginanjari Adhi A	M	RIFRE, MMAF
28	Dyah Ika K.	F	RIFRE, MMAF

29	Nanang W.	F	RIFRE, MMAF
30	Rian	M	Departement of Maritime Affairs and Fisheries of Bangka Belitung Province
31	Auliyo Dwi Putra	M	Departement of Maritime Affairs and Fisheries of Bangka Belitung Province
32	Tatok P.	M	RIFRE, MMAF
33	Danu W	M	RIFRE, MMAF
34	Jimmy	M	Departement of Maritime Affairs and Fisheries of Bangka Belitung Province
35	Endang	F	Fisheries Research Center, MMAF
36	Aira Zata	F	Fisheries refugia Project

### MEETING DOCUMENTATION





## **Pembuatan Atraktor Cumi-cumi; Sebagai Daerah Pemijahan dan Sumber Anakan Cumi-cumi**

**Oleh :**  
**Indra Ambalika Syari**  
Dosen Ilmu Kelautan Universitas Bangka Belitung  
HP/WA : 0821-7528-0815



Pangkalpinang, 07 Desember 2012