FIELD PRACTICE REPORT ON THE HATCHERY AND REARING OF SEA CUCUMBER *(Holothuria scabra)* AT THE BUREAU OF FISHERIES AND AQUATIC RESOURCES 1- REGIONAL MARICULTURE TECHNOLOGY DEMONSTRATION CENTER (RMATDEC)

by

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Undergraduate Field Practice Report presented to the faculty of College of Fisheries, Central Luzon State University in partial fulfillment of requirements for the degree

of

BACHELOR OF SCIENCE IN FISHERIES

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EXECUTIVE SUMMARY

The field practice was conducted at the Bureau of Fisheries and Aquatic Resources 1 Regional Mariculture Technology Demonstration Center (BFAR-RMATDEC) located at Barangay Lucap, Alaminos City, Pangasinan. Field practice started from June 13 until July 22, 2016. The author was under the station of Sea cucumber.

There are two facilities of BFAR 1-RMATDEC, the land-based facility in Lucap, Alaminos with a total area of 1.7 hectares and the sea-based facility that is located in Cariaz Island with a total area of 3.3 hectares. The sea cucumber station is one of the land-based facilities that involves in the hatchery management of sea cucumber. Sea cucumber (*Holothuria scabra)* also known as "balatan", are soft-bodied tubular invertebrate that live in the bottom of coastal waters. Sea cucumber are considered a delicacy in Chinese people and other Asian countries.

The major activities undertaken by the author were induced-spawning and larval rearing of sea cucumber. Other activities such as cleaning and culturing of seaweeds, watering, feeding and changing of beddings in mice house, identification of marine planktons and collecting of water samples were also done.

Strengths of the farm include its location, farm security, facilities and laboratories. On the other hand, damaged facilities, unused areas, malfunctioning equipment and limited skillful personnel are the weaknesses identified.

[1/] Undergraduate Field Practice Report presented in partial fulfillment of the requirements for graduation with the degree of Bachelor of Science in Fisheries. Prepared at the Department of Aquaculture, College of Fisheries, Central Luzon State University under the supervision of Dr. Karl Marx A. Quiazon.

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