FIELD PRACTICE REPORT ON THE HATCHERY OF ASIAN SEABASS (*Lates calcarifer*) IN SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER – AQUACULTURE DEPARTMENT (SEAFDEC-AQD)

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FIELD PRACTICE REPORT ON THE HATCHERY OF ASIAN SEABASS (*Lates calcarifer*) IN SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER - AQUACULTURE DEPARTMENT (SEAFDEC-AQD) LOCATED IN BUYUAN, TIGBAUAN, ILOILO

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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MARIA CELLYNE B. DE BLAS

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EXECUTIVE SUMMARY

The field practice was conducted at SEAFDEC Marine Finfish Hatchery located in Buyuan, Tigbauan, Iloilo from June 21 to July 20, 2016. The aim of the hatchery is to produce high quality *Lates calcarifer* larvae or fry for local or commercial purposes. The hatchery supports the increasing demand of *L. calcarifer* larvae in Iloilo as well as in different provinces of the country. The seabass hatchery operation involves the live feed culture, induced spawning, egg counting, larval counting, tank cleaning, water management, feeding and disinfection. The production facilities for seabass are mainly composed of 25-ton circular natural food culture tanks (NFT) (11 units), 500 liter fiber glass tank (3 units) for *Artemia* culture, 5-ton circular larval rearing tanks (LRT) (9 units), and 10-ton rectangular larval rearing tanks (LRT) (10 units) located in Research and Division Building.

The hatchery's strengths are intensive and collaborative researches regarding the seabass technology as well as the location of the whole facility nearby sea. However, occasional power and water interruption appear as its weaknesses.

1/Undergraduate Field Practice Report presented in partial fulfillment of the requirements for graduation with the degree of Bachelor of Science in Fisheries. Prepared under the supervision of Ms. Claire Samantha T. Juanico under the Department of Aquatic Post Harvest, College of Fisheries, Central Luzon State University.

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