

Yeosu Expo 2012 Big-O Project Especially about Water Stage Changes

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Summary

This paper describes introduction about Yeosu Expo 2012 Bio-O project and the changed water stage in detailed design. Water stage is very important as a place which represents purpose and subject of this fair. Therefore, it intends that purpose and subject of this fair are more effectively and precisely given by changing pier type water stage to floating structure in detailed design.

Keywords: Yeosu Expo 2012, Big-O, Water Stage, Floating Structure, Connection Pier

1. Introduction

Although human achieves a remarkable performance after Industrial Revolution, human have suffered from depletion of land resources and environmental degradation due to indiscreet development and resources use. These matters make us aware of importance of ocean and coast realized to place of unlimited resources. In other words, ocean and coast are firmly considered as place for resources development and final way for survive of future human.

But all countries must try to make clean ocean by controlling and administrating marine environmental factors because rising sea level and destruction of marine ecosystems etc. are world matters beyond specific one country's matters.

In this respect, Yeosu Expo 2012 will share high-tech such as protection of marine pollution, ocean security, safety system and development of marine resources. At the same time, this fair is opportunity for the international community or civil society to share and study outcomes to overcome current crisis on ocean and coast.



Fig. 1: Bird's-eye View of Yeosu Expo 2012

2. Project Outline

The purpose of 2012 Yeosu World Fair Bio-O project is to achieve subject which is sustainable development through conservation and development of marine environment and directing large event, constructing symbolic space of fair and use of maritime culture complex after this fair.

The plan of main facilities can be divided largely into exhibitions, tours and relaxation. This place is showed as space indicating participation and event in accord with fair subject by making media experience space and emotional waterfront in exhibition space, outdoor auditorium and water stage in view space and ecological forest for relaxation. And everything above is intended to be continuously available.

In detail, water stage, auditoriums, and stage ramp are established. Overall, Big-O circulation



Fig. 2: Bird's-eye View of Yeosu Expo 2012