A Study on Structural Marina Float Base Selection

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ABSTRACT : This study aims to present about structural marina floats to yacht enhancement. Yacht marina facilities take long time and huge budget. The current ministry of land, transport and maritime affairs is planning to select an optimal design and spot for marina float base to yacht enhancement using Mokpo harbor. First, this paper focuses on marine floatation system to find requirements of selection. Second it points out sample structural marina floats in practice. Finally, this paper presents some recommendations for developing plan and method.

KEY WORDS : structural, marina, mokpo, float, base, selection, yacht

1. Introduction

Mokpo Harbour is located in Youngsan River estuary in the south-western part of Korea. Korean government has announced plans to bolster the yachting and marina industry back home. The Ministry of Land, Transport and Maritime Affairs announced policy measures that officials hope will set Korea on track to becoming the marina hub of the Northeast Asia region by 2015. According to the new plans, the Ministry will seek to increase the number of marinas in Korea to 35 by 2015 and 44 by 2020, and expand related industries such as yacht sales and maintenance and related tourism facilities to three times their current size by 2015, and ten times their current size by 2020. ⋮(omit)⋮.

2. Importance of Research

○ Safely from the back which synoptic situation and the birds which are various flows, it fixes a location and the technique sample or company one part or currently yacht or the float base (MFB) facility and equipment price is high price above thousands full houses in floating base construction.
○ Also, it is a place where it is safe from yacht route and the Jeollanam-do volume neighborhood waters or after heavy weather and hour when shaking in compliance with the strong birds will occur it will reach in float base (MFB) facility
and it is the actual condition where the core technique it will be able to minimize is necessary.

○ Challenges proponents marine safety and security (Safety and Security) in the fields of research, such as research officer and, until now, the 2000 teenage and ship crew and the safety of the port authority Terminal and security incidents and we predict and prevent system focusing on the study of the best selection, and so on. In 2005, management science concerning the implementation of a simulator using the harbor while the ship cargo and personnel based on the research of security facilities of the delay and the relevant statistical data for the implementation of a virtual space system build, for example, has been researching D/B quantify. In 2006, the creation of a space in the computer security research, in 2007, and how to implement virtual reality physical systems in a variety of maritime safety and security incident statistics, and research of the graphics implementation ‥‥‥( omit )….

Table 1 Set of route width of floate

<table>
<thead>
<tr>
<th></th>
<th>Korea</th>
<th>Japan</th>
<th>England</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production basis</td>
<td>5.4B</td>
<td>1.5L, 2.0L</td>
<td>30.0m</td>
</tr>
<tr>
<td></td>
<td>1.5L, 2.0L</td>
<td>2L (engine adhere to yacht length)</td>
<td>Max boat breadth (B) fivefold</td>
</tr>
<tr>
<td>Production depth</td>
<td>27.5m (B=5.1m)</td>
<td>36m (L=18m)</td>
<td>30m</td>
</tr>
<tr>
<td>Application</td>
<td>(40m)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Expectation Result

This paper presents some recommendations for developing plan and method. When site experiment evaluation of old time it leads and the efficiency is given proof, with the relationship agency to fall the body and yacht or facility and or in the float base (MFB) facility authorized personnels. Mokpo clause an usability to explain the usability of the research base which tries to lead, this research base about under the internal organs demonstrate will give proof and the circumferential island or the floating base (Marina Floating Base) construction feasibility study report ‥‥‥(omit )‥‥‥.

References

[1] Certificates of Proficiency for Ship security Officers Determinations (2007), Made under Sections 8(1)(b) and 10(1)(b) of the Merchant Shipping (Seafarers) (Certification of Officers) Regulation, Cap. 478J

