## Contents

1.	Introduction	1
2.	Basic Concepts of Analysis	2
	2.1 Definitions of dimensional values related to ship height	2
	2.2 Data used in analysis·····	2
	2.3 Classification of ship types	2
	2.4 Age of ships in analysis	3
	2.5 Number of ship data in analysis	3
3.	Analysis Method ·····	ç
	3.1 Conventional statistical analysis method (logarithmic regression analysis method) and	
	concept of coverage rate ·····	9
	3.2 Problems in application of the conventional method	9
	3.3 New statistical analysis method applied to total height (H <sub>kt</sub> )	
4.	Analysis of Total Height (H <sub>kt</sub> ) by Ship Type ······	15
	4.1 Cargo ship ·····	15
	4.2 Container ship	17
	4.3 Oil tanker·····	19
	4.4 RORO ship ·····	21
	4.5 PCC	23
	4.6 LPG ship·····	25
	4.7 LNG ship	27
	4.8 Passenger ship	29
5.	Analysis of Height Above Surface (H <sub>st</sub> ) by Ship Type – 1	31
6.	Analysis of Height Above Surface (H <sub>st</sub> ) by Ship Type – 2·····	37
	6.1 Cargo ship ·····	38
	6.2 Container ship	41
	6.3 Oil tanker·····	43
	6.4 RORO ship	45
	6.5 PCC	47
	6.6 LPG ship·····	49
	6.7 LNG ship ·····	51
	6.8 Passenger ship	53
7.	Conclusion	55
D.	forences	<i>5</i>