

TABLE OF CONTENTS

| | | | |
|--------------------------------|-------------|---|------------|
| 1 THESIS INTRODUCTION | 1.1 | AN INTRODUCTION TO OCEAN SPACE | 01 |
| | 1.2 | OBJECTIVES AND SCOPE | 04 |
| | 1.3 | METHOD | 06 |
| | 1.4 | STRUCTURE | 08 |
| | 1.5 | GEOGRAPHY | 10 |
| | 1.6 | OCEAN PLANNING | 12 |
| | 1.7 | PRECEDENTS | 15 |
| | 1.8 | PRIMARY THEORETICAL SOURCES | 19 |
| | 1.9 | OCEAN TERRITORY – A PROPOSED DEFINITION | 22 |
| | | | |
| 2 LITERATURE REVIEW | 2.0 | INTRODUCTION: A BRIDGE TO OCEAN SPACE | 29 |
| | 2.1 | NETWORKS | 31 |
| | 2.2 | SEASCAPE | 41 |
| | 2.3 | TECHNOLOGY | 53 |
| | 2.4 | ECOLOGY | 65 |
| | | | |
| 3 SPATIAL ANALYSIS | 3.1 | TWO SEAS | 79 |
| | 3.2 | HISTORICAL BACKGROUND | 83 |
| | 3.3 | BARENTS SEA: SPATIAL CHARACTERISTICS | 87 |
| | 3.4 | BALTIC SEA: SPATIAL CHARACTERISTICS | 105 |
| | 3.5 | SUMMARY TWO SEAS | 122 |
| | 3.6 | TYPOLOGIES: INTERPENETRATION | 129 |
| | 3.7 | CONTRACTION | 145 |
| | 3.8 | EXPANSION | 165 |
| | 3.9 | ASSEMBLAGE | 179 |
| | 3.10 | CONFLUENCE | 191 |
| | 3.11 | SUMMARY TYPOLOGIES | 205 |
| | | | |
| 4 RELEVANCE TO PLANNING | 4.1 | STATE OF THE ART- MARINE SPATIAL PLANNING | 207 |
| | 4.2 | MARINE SPATIAL PLANNING IN THE BARENTS SEA | 215 |
| | 4.3 | MARINE SPATIAL PLANNING IN THE BALTIC SEA | 220 |
| | 4.4 | THE OCEAN PROJECT | 231 |
| | | | |
| 5 CONCLUSION | 5.1 | FOUNDATIONS | 235 |
| | 5.2 | TERRITORY | 236 |
| | 5.3 | URBAN THEORY | 237 |
| | 5.4 | OCEAN URBANIZATION | 240 |
| | 5.5 | TYPOLOGIES | 242 |
| | 5.6 | PLANNING | 242 |
| | 5.7 | DISCUSSION | 243 |
| | | | |
| APPENDIX | | | 247 |
| LIST OF FIGURES | | | 252 |
| BIBLIOGRAPHY | | | 257 |
| CV | | | 268 |