

1. Record Nr.	UNINA9910827737403321
Titolo	Vessel navigation and traffic services for safe and efficient ports and waterways : interim report // Committee on Maritime Advanced Information Systems, Marine Board, Commission on Engineering and Technical Systems, National Research Council
Pubbl/distr/stampa	Washington, DC, : National Academy Press, 1996
Edizione	[1st ed.]
Descrizione fisica	1 online resource (73 p.)
Disciplina	623.89
Soggetti	Harbors - Design and construction Navigation - Safety measures Ships - Safety measures Waterways
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	""VESSEL NAVIGATION AND TRAFFIC SERVICES FOR SAFE AND EFFICIENT PORTS AND WATERWAYS""; ""Copyright""; ""Preface""; ""SCOPE OF THE INTERIM REPORT""; ""HOW THE STUDY WAS CONDUCTED""; ""ACKNOWLEDGMENTS""; ""Contents""; ""Executive Summary""; ""BACKGROUND""; ""Navigation Information Systems Needs and Solutions""; ""Existing Vessel Traffic Services""; ""Perspectives on VTS-2000""; ""CONCLUSIONS""; ""COST-SHARING OPTIONS""; ""1 Managing U.S. Waterways ""; ""OVERVIEW""; ""Significance of Waterborne Commerce""; ""Problems with Port Safety and Efficiency"" ""Navigation Information Systems/Vessel Traffic Services"" ""STAKEHOLDERS IN WATERWAYS MANAGEMENT""; ""Federal Agencies""; ""Port Users""; ""Port Supporters""; ""Port Regulators""; ""Commercial Stakeholders""; ""State and Local Stakeholders""; ""Public and Community Stakeholders""; ""SUMMARY""; ""REFERENCES""; ""2 Navigation Information Needs and Solutions ""; ""AVAILABILITY OF INFORMATION AND DEFICIENCIES IN U.S. PORTS""; ""Users and Providers of Information""; ""System Availability""; ""System Deployment""; ""OVERVIEW OF VESSEL TRAFFIC SERVICES""

""Existing VTS/VTIS Systems in the United States"" ""Perspectives on VTS-2000""; ""European Experiences with VTS""; ""SUMMARY""; ""REFERENCES""; ""3 Costs, Benefits, and Funding ""; ""COSTS""; ""BENEFITS""; ""FUNDING PROSPECTS""; ""Guidelines for User Fees""; ""Trust Funds""; ""Federal Grants""; ""FEDERAL/LOCAL PARTNERSHIPS""; ""SUMMARY""; ""REFERENCES""; ""4 Vision of the Future: Next Steps ""; ""EMERGING TECHNOLOGIES""; ""NEXT PHASE OF THE STUDY""; ""SYSTEM ARCHITECTURE""; ""SUMMARY""; ""REFERENCES""; ""5 Conclusions and Recommendations ""; ""COST-SHARING OPTIONS""; ""Option 1"" "" APPENDIX C "" "" APPENDIX D ""; ""LOS ANGELES/LONG BEACH""; ""History of the LA/LB VTIS""; ""Marine Exchange Activities""; ""JPS Activities""; ""Government Actions""; ""Status of LA/LB VTIS""; ""DELAWARE BAY AND RIVER VTIS""; ""Status of Delaware VTIS""; ""Precision Piloting Tool""; ""REFERENCES""; "" APPENDIX E ""; ""PORT OF LONDON AUTHORITY THAMES NAVIGATION SERVICE""; ""ROTTERDAM VESSEL TRAFFIC MANAGEMENT SYSTEM""
