



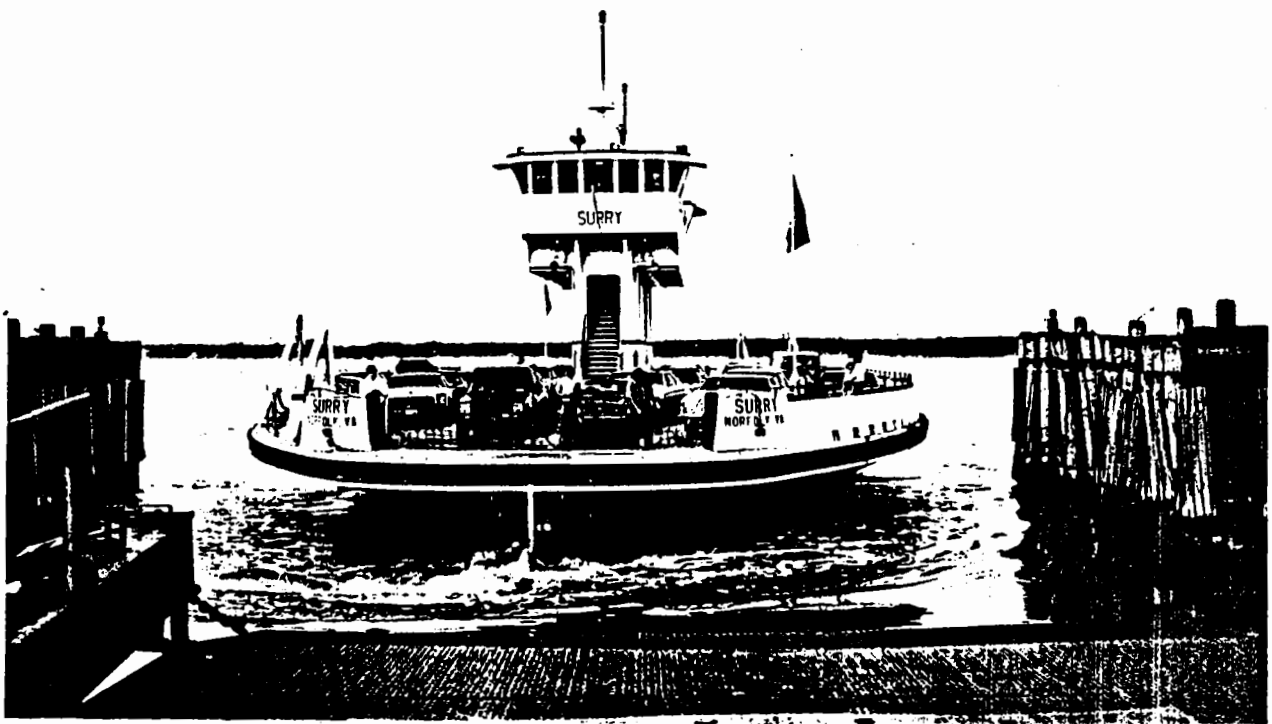
NATIONAL WATERBORNE PASSENGER TRANSPORTATION DATA BASE

U.S. Department
of Transportation

Federal Transit
Administration

JANUARY 1995

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Office of Technical Assistance and Safety

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16. Abstract The purpose of this report was to establish the first national waterborne transportation data base. The Urban Harbors Institute utilized questionnaires, personal interviews and telephone surveys to gather over 2,400 individual items of information on the ferry systems operating in the United States. The written portion of this data base, enclosed herein, is presented in three main parts: one, documentation written specifically for the PC driven data base format; two, a summary of ferry profiles of the systems surveyed by the Institute; and three, extracts from the data that was entered from questionnaires and telephone conversations and examples of the reporting capability of the data base. Twenty-five reports were extracted from the seventy five original reports written by the Urban Harbors Institute. The Institute has also included four appendices, including: the questionnaire format; a flow chart of the main sections of the data base and reports already written; examples of graphs and charts converted from the reports written; and finally, copies of the questionnaire extracts from thirty three ferry systems. The Urban Harbors Institute has developed 2,400 items of information covering 168 individual ferry systems in the continental United States, Alaska and Hawaii. These 168 systems provide 262 ferry service routes. Participants in the UHI data base represented 72 publicly operated systems and 96 privately owned companies. The public services provide ferries on 128 individual routes while the private companies provide service on 134 routes. Participants in this data base range from the Alaska Marine Highway System to ferries providing individual river crossings in a number of states such as the Blaine County Road Department's ferry in Chinook, Montana along the Missouri River.					
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METRIC/ENGLISH CONVERSION FACTORS

ENGLISH TO METRIC

LENGTH (APPROXIMATE)

- 1 inch (in) = 2.5 centimeters (cm)
- 1 foot (ft) = 30 centimeters (cm)
- 1 yard (yd) = 0.9 meter (m)
- 1 mile (mi) = 1.6 kilometers (km)

AREA (APPROXIMATE)

- 1 square inch (sq in, in²) = 6.5 square centimeter (cm²)
- 1 square foot (sq ft, ft²) = 0.09 square meter (m²)
- 1 square yard (sq yd, yd²) = 0.8 square meter (m²)
- 1 square mile (sq mi, mi²) = 2.6 square Kilometers (km²)
- 1 acre = 0.4 hectares (he) = 4,000 square meters (m²)

MASS - WEIGHT (APPROXIMATE)

- 1 ounce (oz) = 28 grams (gr)
- 1 pound (lb) = .45 kilogram (kg)
- 1 short ton = 2,000 pounds (lbs) = 0.9 tonne (t)

VOLUME (APPROXIMATE)

- 1 teaspoon (tsp) = 5 milliliters (ml)
- 1 tablespoon (tbsp) = 15 milliliters (ml)
- 1 fluid ounce (fl oz) = 30 milliliters (ml)
- 1 cup (c) = 0.24 liter (l)
- 1 pint (pt) = 0.47 liter (l)
- 1 quart (qt) = 0.56 liter (l)
- 1 gallon (gal) = 3.8 liters (l)
- 1 cubic foot (cu ft, ft³) = 0.03 cubic meter (m³)
- 1 cubic yard (cu yd, yd³) = 0.76 cubic meter (m³)

TEMPERATURE (EXACT)

$$[(X - 32) (5/9)]^{\circ}\text{F} = Y^{\circ}\text{C}$$

METRIC TO ENGLISH

LENGTH (APPROXIMATE)

- 1 millimeter (mm) = 0.04 inch (in)
- 1 centimeter (cm) = 0.4 inch (in)
- 1 meter (m) = 3.3 feet (ft)
- 1 meter (m) = 1.1 yards (yd)
- 1 Kilometer (km) = 0.6 mile (mi)

AREA (APPROXIMATE)

- 1 square centimeter (cm²) = 0.16 square inch (sq in, in²)
- 1 square meter (m²) = 1.2 square yards (sq yd, yd²)
- 1 square kilometer (km²) = 0.4 square mile (sq mi, mi²)
- 1 hectare (he) = 10,000 square meters (m²) = 2.5 acres

MASS - WEIGHT (APPROXIMATE)

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- 1 kilogram (kg) = 2.2 pounds (lb)
- 1 tonne (t) = 1,000 kilograms (kg) = 1.1 short tons

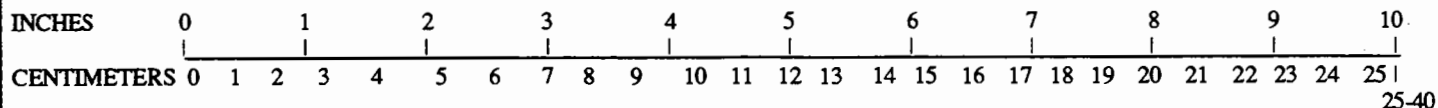
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- 1 milliliter (ml) = 0.03 fluid ounce (fl oz)
- 1 liter (l) = 2.1 pints (pt)
- 1 liter (l) = 1.06 quarts (qt)
- 1 liter (l) = 0.26 gallon (gal)
- 1 cubic meter (m³) = 36 cubic feet (cu ft, ft³)
- 1 cubic meter (m³) = 1.3 cubic yards (cu yd, yd³)

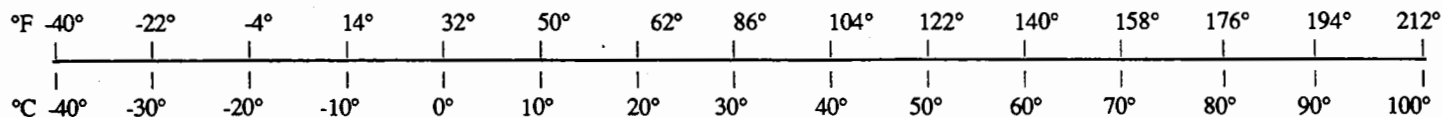
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NATIONAL WATERBORNE PASSENGER TRANSPORTATION DATA BASE

Data Base
January 1995

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URBAN HARBORS INSTITUTE'S NATIONAL FERRY DATA BASE

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The development of the National Ferry Data Base has been a project evolving over the entire three phases of the National Waterborne Passenger Transportation Study. The study, conducted by the Urban Harbors Institute on behalf of the Federal Transit Administration, has produced nine reports and surveys including the data base.

Throughout the development of the questionnaire, formatting of the data base, collection and transcription of the data, refinement of the data base programing, creation of the accompanying reports, the final analysis of the information and drafting of the written portion of the data base report, Urban Harbors Institute was fortunate to have a qualified, motivated group of staff and students in support of the effort.

The Urban Harbors Institute would like to acknowledge the participation of this group in the development of the data base and resulting report but especially would like to recognize Ms Norma Legros, without whose untiring work, knowledge of computers and programing and infinite patience with those of us who knew nothing of those disciplines, this data base would not have been produced.

The following list of participants, their position and their contribution is included in this report with the Institute's profound thanks and appreciation:

<u>Name</u>	<u>Status</u>	<u>Participation</u>
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Norma Legros	UHI MIS Director	Data Base Design, Programing and Input
Hagop (Jack) Frounjan	Student - Asst MIS Director	Data Base Design & Programing
Mistral Thompson	Student	Data Base Design & data input
Margo Clerkin	Student	Data Collection, completion of questionnaires.
Nancy Labranche	Student/UHI Employee	Data collection, writing and editing
Dennis Leigh	Student	Mapping

Acknowledgments (Continued)
Page 2

<u>Name</u>	<u>Status</u>	<u>Participation</u>
Peggy Wolf	Student	Questionnaire formatting / mailing
James McDevit	Student	Data collection/ writing
Carl Jean	Student	Data input

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URBAN HARBORS INSTITUTE'S NATIONAL FERRY DATA BASE

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THE URBAN HARBORS INSTITUTE'S NATIONAL FERRY DATA BASE

SUMMARY OF FINDINGS

General

The Urban Harbors Institute *National Ferry Data Base* has been formulated, utilizing 2,400 items of information. Over 300 letters and questionnaires were forwarded to vessel operating companies requesting information on their ferry operations. Information was requested based upon 1990 data and has been updated over the entire three year period of a three phased *National Waterborne Transportation Study*. Data received from the organizations that qualified under the criteria established for ferry systems, as defined in cooperation with the Federal Transit Administration, was entered into the data base as recently as November 1994. [Response to the initial requests for data and return of the 14 page questionnaire was not overwhelming] UHI's staff and students followed the initial mailing with additional written requests and follow-up telephone conversations.

United States Ferry Organizational Findings

UHI identified 168 passenger vessel operating systems in the United States that can be considered ferry systems. UHI also found that these 168 ferry systems operate as either public organizations or under private ownership. A limited number of the private operators are supported by local public funding, based upon operating contracts. An additional but limited number of private ferry systems are supported by public capital funding which includes money for ferry terminals as well as vessels. There are 72 publicly supported ferry systems and 96 privately funded systems. Less than 10% of the private systems receive public subsidy through contracts or capital investment support.

There are 35 states in which ferries operate. Approximately six of the thirty-five states, 17.1 %, however, host 44% of the total number of ferry systems in the United States. California and Massachusetts as example have ten privately operated systems and five and four publicly operated systems respectively. Louisiana has eight publicly operated systems and one privately operated. Michigan, New York and Washington State have 13, 12 and 11 systems respectively. Washington State has the largest single operating system in the United States.

PUBLIC/PRIVATE FERRY SYSTEMS - LEADING STATES

STATE	PUBLIC	PRIVATE	TOTAL
California	5	10	15
Massachusetts	4	10	14
Michigan	5	8	13
New York			12
Washington	5	6	11
Louisiana	8	1	9
Total	27	35	74

Fig 1

Urban Harbors Institute found that, nationwide, there is an average of 1.5 routes per ferry system and that the split between public and private routes is evenly divided. Seven, or 20%, of the 35 states hosting ferry systems have over 52 percent of the total routes in the United States.

The split between publicly and privately operated routes is also very close - 134 routes or 51.1% are privately operated while 128 or 48.9% are publicly operated

The seven states, host 140 of the 262 routes, representing 53.4% of the total routes in the United States. Among these seven states, the split between publicly and privately operated service routes are not quite so evenly divided. Private routes represented 55% while public routes, 45%.

PUBLIC/PRIVATE FERRY ROUTES - LEADING STATES

STATE	PUBLIC	PRIVATE	TOTAL
New York	10	19	29
California	8	17	25
Massachusetts	6	14	20
Michigan	8	11	19
Maine	6	14	20
Louisiana	15	1	16
North Carolina	10	1	11
TOTAL	63	77	140

Fig 2

U.S. Ferry System Functions

All ferry systems in the United States operate for the purpose of moving large numbers of people, vehicles and freight over bodies of water. In an earlier report, *Assessment of Ferries As Alternatives to Land Based Transportation*, UHI established that ferries serve three major functions within the overall definition of waterborne transportation. That report concluded that ferries provide *Essential, Complementary* and *Optional* services to their communities. UHI confirmed this grouping of ferry systems. The 168 ferry systems in our data base represent at least one of these functions. Many of the systems fall within two or all three of the categories.

Essential ferry services were identified as those systems providing year round service to islands or other water-isolated locations which cannot be reached by road, bridge or tunnel. UHI found that although many of these routes are publicly operated, a number of routes such as those in Michigan, Ohio and California are privately served. These are, however, generally seasonal, tourist based services. Year around ferry systems such as Casco Bay in Maine, the Woods Hole, Martha's Vineyard and Nantucket Steamship Authority, and the Washington State Ferries are examples of essential services operated by public support. These systems represent "life-line" transportation service.

Complementary ferry systems are those that provide substantially shorter time and distance trips across water bodies served by alternative bridges, highways, tunnels or rail. UHI found that a number of ferry systems providing this service are operated by state highway departments. The routes include river connections on state highway systems as alternatives to land-based crossings that would take the customer out of their way. A number of these services are also private ferry companies, supported by local public subsidization, that serve bays and harbor locations. Excellent examples of *Complementary* type services include: Lake Champlain Transportation Company, the Logan Airport Shuttle in Boston, the Bridgeport-Port Jefferson Ferry, NY Waterways, Kentucky Department of Highways District #3, the Louisiana Department of Transportation and Development - Crescent City Connection and the Golden Gate Bridge, Highway and Transportation District.

Optional ferry systems are those that provide service alongside equivalent land based transportation alternatives. UHI found that these services are a combination of public, private or a mix of publicly supported private operations. These systems provide commuting services along routes

that also are supported by bridges, tunnels, highways or rail connections. These systems are encouraged or are provided with assistance by public agencies as the land-based alternatives become crowded, with little or no ability of increasing capacity without substantial disruption of public travel. Excellent examples of this type service are: Boston Harbor Commuter Service, Cross Sound Ferry Service in Connecticut, Express Navigation in New Jersey, Blue and Gold Fleet or Red & White Fleet both in San Francisco, the Balboa Island Ferry in Newport Beach, California and the Harbor Excursion Ferry in San Diego.

U.S. Ferry Systems Information

UHI also found:

- That the largest percentage of ferry systems responding to its survey reported operating on rivers.
 - That a number of companies indicated operating between more than one set of land masses, however, the largest percentage of ferry systems responding reported operating between the mainland and an island location.
 - That the majority of the companies, 116 of 168, operate one route.
 - That approximately 157 ferry routes are operated a distance of less than ten miles from point to point.
 - That approximately 64% of the companies reporting indicated that the trip time for their routes was below 30 minutes each way.
 - That the annual passenger volumes reported by the companies responding to the survey totaled 67.9 million passengers.
 - That the average passengers per route based upon this total and the total number of routes reported is 259,160 passengers per year per route.
 - That the overwhelming number of passengers were adults, however, it was also found that less than 1%, approximately .36%, of the total annual passengers handled, were disabled.
 - That the total number of passenger vessels operated by the ferry systems responding to our survey was 464.
 - That this total included 378 conventional hulled vessels, 73 barges and 13 catamarans.
 - That 271 of the 464 vessels in the U.S. ferry fleet were constructed between 1961 and 1992.
- That 155 companies reported an average of 2.2 terminals per company and that 67% of these terminals were privately owned.

CHAPTER 1
DATA BASE INTRODUCTION

URBAN HARBORS INSTITUTE'S NATIONAL FERRY DATA BASE

CHAPTER 1 - DATA BASE INTRODUCTION

1.0 General

1.1 Introduction

Most people in the United States today do not remember what mass transit was like before the advent of the motor vehicle. Their thoughts of movement from one point to the other do not generally include ferry transport as the sole, or even major, means of movement across bodies of water too wide, too deep or too long for foot travel. Unless they now reside in an isolated island community, they cannot even begin to appreciate the importance of the waterborne mass transportation networks plying numerous routes crossing rivers, bays, lakes and open harbors during the pre-motor vehicle period.

Today, again depending upon where they reside, people still may not have an opportunity to utilize waterborne alternatives, even if they wanted to. In the United States, while most states have bodies of water that once were supported by ferry transportation, only 43% find themselves able, or possibly willing, to augment landside transportation with waterborne alternatives. The ability of some of the states to take advantage of the waterborne transportation opportunity, however, has not preempted the growth of landside transportation, heightened by the continuing domination of the automobile. Over the last forty years automobile transportation has increased to a point where congested roads, pollution and energy consumption demand alternative systems. In many cases, however, there are communities that have again recognized the value of waterborne transportation and its viability as an alternative to the congestion now plaguing transit corridors.

Ferries have been enjoying a renaissance of sorts and movement reduce our dependence upon land transportation by utilizing water transport seems to have begun the return of certain ferry networks. The U.S. mass transit industry which includes private industry, government officials and regulators, are responding. However, it is painfully slow and scattered throughout official circles. During review of the proposed U.S. mass transit policy, the slow movement toward recognition of ferries was painfully apparant. The policy did not include ferries as a major potential contributor to the solutions to decrease congestion, pollution and energy uilization. In fact, ferries were not even mentioned at all.

1.2 Background

Urban Harbors Institute (UHI), a research insitute affiliated with the University of Massachusetts - Boston, received a \$750,000, three year grant from the Federal Transit Administration (FTA)through the Department of Transportation to study waterborne passenger transportation in the United States. FTA's emphasis is the role that ferries could or actually are playing in the everyday movement of the public to and from their destinations. This includes: from the urban center to the work place, from the urban or rural center to social or recreational areas, as the connecting link or "life line"to points of habitation or crossing bodies of water where no link other than water surface travel is available.

The first task that the Urban Harbors Institute was to undertake was the establishment of a data base on waterborne transportation in the United States, collecting data on the marketing, operations, financial, intermodal and capital assets of the ferry systems, specifically formulating a computer program to categorize and manipulate the data. The information ultimately collected could be stored and retrieved in varying formats to support research and informational requirements.

Urban Harbors Institute proposed the creation of this ferry data base as a means of identifying the number and location of ferry systems in the United States so that the Department of Transportation would have at its disposal, some barometer by which they could assess the transportation value, general public interest, overall status and potential of today's ferry systems. The recognition of this information, especially the potential of ferries, will provide the link to attaining eventual Federal support for this form of mass transportation.

1.3 Scope of Work

Urban Harbors Institute proposed to complete a report of existing waterborne transit services in the United States, organizing them by geographic region and by state. UHI would collect and organize information on ferry systems including the following:

1. Service area including size and population
2. Waterborne service characteristics such as type of service, owner, routes, schedules, trip length, fare structure, fleet size, type of vessel and capacities,.
3. Operating Characteristics and procedures including annual vessel miles, hours, trips, scheldule adherence, system reliability, personnel

and skills, idling maneuvering and docking time per trip, loading and unloading times, cost per passenger mile and cost per vehicle mile.

4. Ridership to include, annual and seasonal ridership by route, passenger miles traveled, annual and seasonal vehicles carried, vehicle miles traveled and ridership characteristic.

5. Equipment and facilities including the types and numbers of vessels, their age, cost, dimensions and capacity, operating characteristics, accessibility, amenities and new orders and deliveries. Terminal information will include the number and locations, ownership, configuration and capacities, type of docking, accessibility and amenities.

6. Intermodal connections including public transit, auto spaces, bicycle and pedestrian accommodations.

7. Maintenance facilities

8. Costs including capital expenses, operating and maintenance costs that are related to staff, crew, maintenance, insurance and interest and depreciation

9. Finances including capital funding and source, operating revenues and their sources and service profitability.

1.4 Methodology

UHI identified eight tasks necessary to complete the National Ferry Data Base:

- Task 1 - Identify existing waterborne transit operations in the United States.
- Conduct literature search and access federal, state and local data bases.
 - Compile an inventory of water transportation operations and operators.
- Task 2 - Based on information obtained in Task 1, determine final categories of information on water transit services to be collected and maintained.
- Task 3 - Establish a computer capability for handling the data base, for efficiently and accurately updating its contents, and for organizing and producing the required format.
- Task 4 - Develop methodology for obtaining data on individual services.
- Identify and establish on-going cooperative arrangements with industry groups, operating entities and government agencies.
 - Supplement above with site visits by principle investigators.
 - Prepare format to guide acquisition and organization of information.

- Task 5 - Develop and employ a procedure for confirming the accuracy of the data and information.
- Task 6 - In consultation with FTA project manager, develop format for presentation of information.
- Task 7 - Prepare narratives and data entries for each water transportation service.
- Task 8 - Produce final report.

1.5 Organization

The Urban Harbors Institute's National Ferry Data Base Report is organized into three parts:

1.5.1 Part 1 - Part one of the report located in Chapter Two, is a narrative of the format of the computerized data base itself, describing the logic utilized to design, format and complete the input of the information gathered. Included in the back portion of the report will be a sample of the questionnaire originally utilized to collect the data (Appendix 1). Examples of the information format, design of the general reports and a diagram of the information and reports available are included in the main body of Chapter Two.

1.5.2 Part 2 - Part two of the report, Chapter Three, is a profile of each of the ferry systems identified during the course of the research. The profile will contain a brief description of the service itself and will include names, addresses and telephone and fax numbers of each of the services.

1.5.3 Part 3 - Part 3 of the report, Chapter Four, is a review of the sample extracts of the information collected, presented in two formats. First, a reproduction of the information from each ferry system and second, reports produced in the context of general ferry industry information. Example ferry system responses and specifically written examples of some of the reporting capabilities built into the data base will be utilized to present a general analysis of the ferry industry as depicted by the information collected.

CHAPTER 2
DOCUMENTATION

URBAN HARBORS INSTITUTE'S NATIONAL FERRY DATA BASE

CHAPTER 2 - DOCUMENTATION

2.0 Documentation

2.1 Introduction

A comprehensive database on waterborne passenger vessel organizations and details about their ferry operations in the United States, has been developed by the Urban Harbors Institute under a grant by the Federal Department of Transportation's Federal Transit Administration. The information was gathered from responses to a fourteen page questionnaire mailed to vessel operators throughout the United States. UHI researchers also followed the mailing with telephonic contacts, confirming information from those who did respond and completing questionnaires with those operators who did not reply or who did so in an incomplete manner.

Approximately 25 different report formats have been designed by UHI as a result of the information gathered from the questionnaire. The reports will serve as the basic information for the general ferry data section in this report. The entire computerized data base, the basic reports and any custom reports that can be designed on request, will be made available to the waterborne passenger transportation industry. The information gathered by UHI identifies members of the ferry industry and will assist these organizations in analyzing their position relative to other operations in the ferry community. The information will assist ferry operators in their marketing, financial and operational planning processes. Planning organizations, requiring information to develop waterborne options in coordination with the Intermodal Surface Transportation Efficiency Act will also be able to access data relative to ferries. Service organizations supplying the passenger vessel industry will be able to utilize the report as a reference guide.

2.2 Questionnaire Content

The questionnaire was divided into six categories. The information requested in each category was organized by routes. The number of routes for each service were identified in the questionnaire's introduction section. The six categories contained the following:

2.2.1 Introduction:

- 2.2.1.1 Organization's name and address, telephone, fax
- 2.2.1.2 Contact name and title
- 2.2.1.3 Service Route and intermediate stops and destinations
- 2.2.1.4 Vessel Type
- 2.2.1.5 Population Center, Population
- 2.2.1.6 Market Area and Population

2.2.2 General Information:

- 2.2.2.1 Body of Water Served
 - 2.2.2.1.1 Inner Harbor
 - 2.2.2.1.2 River
 - 2.2.2.1.4 Lake
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- 2.2.2.4 Ridership
 - 2.2.2.4.1 Adults
 - 2.2.2.4.2 Children
 - 2.2.2.4.3 Students
 - 2.2.2.4.4 Senior Citizens
 - 2.2.2.4.5 Handicapped/Disabled
 - 2.2.2.4.6 Total
- 2.2.2.5 Schedules
 - 2.2.2.5.1 First Trip
 - 2.2.2.5.2 Last Trip
 - 2.2.2.5.3 Frequency
 - 2.2.2.5.4 Number per day
 - 2.2.2.5.5 Peak hours
 - 2.2.2.5.6 On-time
 - 2.2.2.5.7 Cancellations

- 2.2.2.6 Schedule Alternatives
 - 2.2.2.6.1 Regular daily Schedule
 - 2.2.2.6.2 Peak hour schedule increases
 - 2.2.2.6.3 Late Evening schedule
- 2.2.2.7 Vessel Type
 - 2.2.2.7.1 Conventional Passenger
 - 2.2.2.7.2 Catamaran
 - 2.2.2.7.3 Hydrofoil
 - 2.2.2.7.4 Hovercraft
 - 2.2.2.7.5 Barge
- 2.2.2.8 Operating Information
 - 2.2.2.8.1 Distance
 - 2.2.2.8.2 Loading Time
 - 2.2.2.8.3 Undocking Time
 - 2.2.2.8.4 Trip Time
 - 2.2.2.8.5 Docking Time
 - 2.2.2.8.6 Unloading Time
 - 2.2.2.8.7 Annual Vessel Miles
 - 2.2.2.8.8 Annual Vessel Hours
 - 2.2.2.8.9 Annual Revenue Miles
 - 2.2.2.8.10 Annual Revenue Hours
 - 2.2.2.8.11 Annual Total Passengers
 - 2.2.2.8.12 Annual Total Vehicles
 - 2.2.2.8.13 Annual Total Cargo Tons
- 2.2.3 Financial Information:
 - 2.2.3.1 Revenue
 - 2.2.3.1.1 Passenger Fares
 - 2.2.3.1.2 System Generated
 - 2.2.3.1.3 Local Assistance
 - 2.2.3.1.4 State Assistance
 - 2.2.3.1.5 Federal Assistance
 - 2.2.3.1.6 Taxes Levied
 - 2.2.3.1.7 Miscellaneous
 - 2.2.3.1.8 Total Annual Income
 - 2.2.3.2 Fare Structure
 - 2.2.3.2.1 Adult
 - 2.2.3.2.2 Child
 - 2.2.3.2.3 Student
 - 2.2.3.2.4 Senior Citizen
 - 2.2.3.2.5 Disabled/Handicapped
 - 2.2.3.2.6 Car & Driver
 - 2.2.3.2.7 Car

- 2.2.3.3 Operating Expenses
 - 2.2.3.3.1 Name
 - 2.2.3.3.2 Sequence Number
 - 2.2.3.3.3 Personnel/Labor
 - 2.2.3.3.4 Fringes
 - 2.2.3.3.5 Service
 - 2.2.3.3.6 Material
 - 2.2.3.3.7 Utilities
 - 2.2.3.3.8 Purchased Transportation
 - 2.2.3.3.9 Miscellaneous
 - 2.2.3.3.10 Rental
 - 2.2.3.3.11 Leases
 - 2.2.3.3.12 Interest
 - 2.2.3.3.13 Depreciation
- 2.2.3.4 Capital Expenses
 - 2.2.3.4.1 Vessels
 - 2.2.3.4.2 Terminals
- 2.2.4 Vessel Data:
 - 2.2.4.1 Vessel Design
 - 2.2.4.1.1 Model Number/Builder
 - 2.2.4.1.2 Architect
 - 2.2.4.1.3 Year Manufactured
 - 2.2.4.1.4 Cost/Present Value
 - 2.2.4.1.5 Fuel Utilized
 - 2.2.4.2 Vessel Specifications
 - 2.2.4.2.1 LOA
 - 2.2.4.2.2 Beam
 - 2.2.4.2.3 Draft
 - 2.2.4.2.4 Tonnage
 - 2.2.4.2.5 Speeds
 - 2.2.4.2.6 Walk-on
 - 2.2.4.2.7 Drive-on
 - 2.2.4.3 Vessel Capacities
 - 2.2.4.3.1 Passengers
 - 2.2.4.3.2 Vehicles
 - 2.2.4.3.3 Cargo/Mail
 - 2.2.4.3.4 Fuel
 - 2.2.4.3.5 Crew
 - 2.2.4.4 Engineering Plant
 - 2.2.4.4.1 Type of Power
 - 2.2.4.4.2 Brake Horse Power
 - 2.2.4.4.3 Shafts, Propellers, Others
 - 2.2.4.4.4 Type Drive
 - 2.2.4.4.5 Bow Thrusters

- 2.2.5 Landside Access Data:
- 2.2.5.1 Terminals
 - 2.2.5.1.1 Service Route
 - 2.2.5.1.2 Locations
 - 2.2.5.1.3 Ownership
 - 2.2.5.1.4 Age
 - 2.2.5.1.5 Docking Capacity
 - 2.2.5.1.6 Fare Collection (Method)
 - 2.2.5.1.7 Pier Length
 - 2.2.5.1.8 Apron Width
 - 2.2.5.1.9 Draft/Tidal Range
 - 2.2.5.1.10 Layover Capacity
 - 2.2.5.1.11 Cargo Capability
 - 2.2.5.1.12 Lift-Off/On
 - 2.2.5.1.13 Drive-On/Off
 - 2.2.5.1.14 Roll-Off/On
 - 2.2.5.1.15 Ramp/Gangway System Used
 - 2.2.5.1.16 Waste Disposal
 - 2.2.5.1.17 Amenities
 - 2.2.5.1.18 ADA Compliance
 - 2.2.5.1.18.1 Ramps
 - 2.2.5.1.18.2 Elevators
 - 2.2.5.1.18.3 Rest Rooms
 - 2.2.5.1.18.4 Doors
- 2.2.5.2 Intermodal Interface (Land Transport)
 - 2.2.5.2.1 Public or Private Operator Providing Service
 - 2.2.5.2.2 Mode
 - 2.2.5.2.2.1 Taxi/Jitney
 - 2.2.5.2.2.2 Bus
 - 2.2.5.2.2.3 Rail
 - 2.2.5.2.2.4 Light Rail
 - 2.2.5.2.3 Proximity/Accessibility to Terminal
 - 2.2.5.2.4 Number of Trips:
 - 2.2.5.2.4.1 Per Day
 - 2.2.5.2.4.2 Routes
 - 2.2.5.2.4.3 Frequency
 - 2.2.5.2.5 Parking
 - 2.2.5.2.5.1 Spaces
 - 2.2.5.2.5.2 Fee Structure
 - 2.2.5.2.5.3 Drop-Off/Pick-Up
 - 2.2.5.2.5.4 Valet
 - 2.2.5.2.5.5 Bicycle
 - 2.2.5.2.6 ADA Compliance
 - 2.2.5.2.7 Pedestrian Access

2.2.6 Vessel Maintenance

2.2.6.1 Location of Facility or Capability

2.2.6.2 Type:

2.2.6.3 Drydock

2.2.6.4 Marine Railway

2.2.6.5 Straddle Carrier

2.2.6.6 Marginal Wharf

2.2.6.7 Capacity

2.2.6.8 Average Annual Maintenance Expenditure

2.2.6.9 Service Route

2.3 DOCUMENTATION

2.3.1 STRUCTURE OF THE DATABASE

The design for the data entry is composed of 10 different screens - Organization, Routes, Water Bodies Served, Land Mass, Revenues, Fare Structure, Expenses, Vessel Data, Terminals/Land Transport, and Maintenance Facilities.

2.3.1.1 --ORGANIZ.DBF

Field	Field Name	Type	Width	Decimal	Index
1	NAME	Character	60		Y
2	SEQ_NUM	Numeric	6		Y
3	ADDRESS	Character	35		N
4	CITY	Character	25		Y
5	STATE	Character	2		Y
6	ZIP	Character	10		N
7	TELEPHONE	Character	20		N
8	FAX	Character	20		N
9	CONT_NAME	Character	30		Y
10	CONT_TITLE	Character	40		Y
11	POPUL_CENT	Character	40		N
12	POPULATION	Numeric	8		N
13	NUM_ROUTES	Numeric	3		Y
14	COMMENT	Memo	10		N
15	PUBLIC	Character	1		N
16	PRIVATE	Character	1		N

2.3.1.2 --WATERBOD.DBF

Field	Field Name	Type	Width	Decimal	Index
1	NAME	Character	60		Y
2	SEQ_NUM	Numeric	6		Y
3	BODY_NAME	Character	40		Y
4	ROUTE	Numeric	2		Y
5	I_HARBOR	Logical	1		N
6	RIVER	Logical	1		N
7	LAKE	Logical	1		N
8	BAY	Logical	1		N
9	OCEAN	Logical	1		N
10	INLET	Logical	1		N
11	COMMENT	Memo	10		N

2.3.1.3--LAND_MAS.DBF

Field	Field Name	Type	Width	Decimal	Index
1	NAME	Character	60		Y
2	SEQ_NUM	Numeric	6		Y
3	ROUTE	Numeric	2		Y
4	CAT_NAME	Character	40		Y
5	ISLD_ISLD	Logical	1		N
6	MLD_ISLD	Logical	1		N
7	COASTAL	Logical	1		N
8	CROSS_RIVR	Logical	1		N
9	CROSS_HARB	Logical	1		N
10	LKPT_LKPT	Logical	1		N
11	OTHER	Character	40		N
12	COMMENT	Memo	10		N

2.3.1.4 --ROUTES.DBF

Field	Field Name	Type	Width	Decimal	Index
1	NAME	Character	60		N
2	SEQ_NUM	Numeric	6		Y
3	RT_NUMBER	Numeric	2		N
4	COMM_PASS	Logical	1		N
5	EXC_TOUR	Logical	1		N
6	DINNER_CRU	Logical	1		N
7	CARGO	Logical	1		N
8	VEHICLE	Logical	1		N

2.3.1.5--REVENUE.DBF

Field	Field Name	Type	Width	Decimal	Index
1	NAME	Character	60		Y
2	SEQ_NUM	Numeric	6		Y
3	ROUTE	Numeric	2		Y
4	PASS_FARES	Numeric	10		N
5	SYST_GEN	Numeric	10		N
6	LOC_GEN_RE	Numeric	10		N
7	LOC_DED_RE	Numeric	10		N
8	STA_GEN_RE	Numeric	10		N
9	STA_DE_RE	Numeric	10		N
10	FED_ASSIST	Numeric	10		N
11	TAXES	Numeric	10		N
12	MISCELL	Numeric	10		N
13	TOTAL	Numeric	10		N
14	COMMENT	Memo	10		N
9	FROM	Character	30		N
10	TO	Character	30		N
11	INT_ST_NAM	Character	25		N
12	INTER_STOP	Numeric	2		N
13	MARKET_ARE	Character	44		N
14	POPULATION	Numeric	8		N
15	BUS_ALT	Logical	1		N
16	COM_RL_ALT	Logical	1		N
17	LT_RL_ALT	Logical	1		N
18	PR_VEH_ALT	Logical	1		N
19	ADLT_RIDER	Numeric	10		N
20	CHLD_RIDER	Numeric	10		N
21	STUD_RIDER	Numeric	10		N
22	SENR_RIDER	Numeric	10		N
23	HADI_RIDER	Numeric	10		N
24	TOTL_RIDER	Numeric	10		N
25	FIRST_TRIP	Character	5		N
26	LAST_TRIP	Character	5		N
27	FREQUENCY	Character	10		N
28	NU_PER_DAY	Character	10		N
29	PEAK_HOURS	Character	16		N
30	ON_TIM_PCT	Numeric	3		N
31	CANCELLAT	Numeric	3		N
32	REG_DAI_SC	Logical	1		N
33	PK_HR_S_IN	Logical	1		N
34	LATE_EV_SC	Logical	1		N
35	CON_PAS_VE	Logical	1		N
36	CATAMARAN	Logical	1		N

37	HYDROFOIL	Logical	1		N
38	HOVERCRAFT	Logical	1		N
39	BARGE_SPR	Logical	1		N
40	BARGE_NSPR	Logical	1		N
41	DIST	Float	6	2	N
42	LOAD_TIME	Numeric	4		N
43	UNDOC_TIME	Numeric	4		N
44	TRIP_TIME	Numeric	4		N
45	DOCK_TIME	Numeric	4		N
46	UNLD_TIME	Numeric	4		N
47	ANN_VES_MI	Numeric	8		N
48	ANN_VES_HR	Numeric	5		N
49	ANN_REV_MI	Numeric	8		N
50	ANN_REV_HR	Numeric	5		N
51	ANN_TOT_PA	Numeric	10		N
52	ANN_TOT_VE	Numeric	9		N
53	ANN_TOT_CA	Numeric	13		N
54	COMMENT	Memo	10		N

2.3.1.6--FARES.DBF

Field	Field Name	Type	Width	Decimal	Index
1	NAME	Character	60		Y
2	SEQ_NUM	Numeric	6		Y
3	ROUTE	Numeric	2		N
4	TYPE	Character	2		N
5	CATEGORY	Character	2		N
6	FARE	Numeric	6	2	N
7	COMMENT	Memo	10		N

2.3.7--EXPENSES.DBF

Field	Field Name	Type	Width	Decimal	Index
1	NAME	Character	60		Y
2	SEQ_NUM	Numeric	6		Y
3	ROUTE	Numeric	4		Y
4	PERSONNEL	Numeric	8		N
5	FRINGES	Numeric	8		N
6	SERVICE	Numeric	8		N
7	MATERIAL	Numeric	8		N
8	UTILITIES	Numeric	8		N
9	PURCH_TRAN	Numeric	8		N
10	MISC	Numeric	8		N
11	RENTAL	Numeric	8		N
12	LEASES	Numeric	8		N

13	INTEREST	Numeric	8		N
14	DEPRECIATI	Numeric	8		N
15	CAP_VESSEL	Numeric	8		N
16	CAP_TERMIN	Numeric	8		N
17	TOTAL	Numeric	9		N

2.3.1.8-- VESSELS.DBF

Field	Field Name	Type	Width	Decimal	Index
1	NAME	Character	60		Y
2	SEQ_NUM	Numeric	6		Y
3	VESSEL_TYP	Character	7		Y
4	BUILDER	Character	40		N
5	MODEL	Character	15		N
6	ARCHITECT	Character	30		N
7	YEAR_BUILT	Numeric	4		N
8	COST	Numeric	8		N
9	PRESNT_VAL	Numeric	8		N
10	FUEL_UTIL	Character	15		N
11	LOA	Numeric	4		N
12	BEAM	Numeric	3		N
13	DRAFT	Numeric	2		N
14	TONNAGE	Character	5		N
15	MAX_SPEED	Numeric	3		N
16	CRU_SPEED	Numeric	3		N
17	WALK_ON	Logical	1		N
18	DRIVE_ON	Logical	1		N
19	PASSENGERS	Numeric	6		N
20	VEHICLES	Numeric	6		N
21	CARG_ML_TO	Numeric	7		N
22	FUEL	Numeric	7		N
23	CREW	Numeric	5		N
24	TYPE_POWER	Character	10		N
25	HORSE_POWER	Numeric	7		N
26	NUMB_PROPS	Numeric	3		N
27	TYPE_DRIVE	Character	25		N
28	BOW_THRUST	Logical	1		N
29	COMMENT	Memo	10		N

2.3.1.9--TERM_LTR.DBF

Field	Field Name	Type	Width	Decimal	Index
1	NAME	Character	60		Y
2	SEQ_NUM	Numeric	6		Y
3	TERMINAL	Numeric	2		N
4	ROUTE	Character	4		N
5	LOCATION	Character	30		N
6	OWNERSHIP	Character	10		N
7	AGE	Numeric	3		N
8	DOCK_CAP	Numeric	2		N
9	FARE_COL	Character	20		N
10	PIER LENG	Numeric	4		N
11	APRON_WIDT	Numeric	3		N
12	DRAFT	Numeric	3		N
13	TIDE_RANGE	Numeric	2		N
14	LAYOV_CAP	Numeric	2		N
15	LFT_OFF_ON	Logical	1		N
16	DRV_OFF_ON	Logical	1		N
17	ROL_OFF_ON	Logical	1		N
18	RAM_GANGWY	Logical	1		N
19	WASTE_DISP	Logical	1		N
20	AMENITIES	Logical	1		N
21	ADA_RAMPS	Logical	1		N
22	ADA_ELEV	Logical	1		N
23	ADA_RST_RM	Logical	1		N
24	ADA_DOORS	Logical	1		N
25	OPERATOR	Character	74		N
26	TAXI_JITN	Logical	1		N
27	BUS	Logical	1		N
28	RAIL	Logical	1		N
29	LIGHT_RAIL	Logical	1		N
30	PROXIMITY	Numeric	4		N
31	TRIPS_DAY	Numeric	3		N
32	NUMB_ROUTE	Numeric	2		N
33	FREQUENCY	Character	10		N
34	PARK_SPCS	Numeric	5		N
35	HOURLY_FEE	Numeric	5	2	N
36	DAILY_FEE	Numeric	6	2	N
37	DROP_PICK	Logical	1		N
38	VALET	Logical	1		N
39	BICYCLE	Logical	1		N
40	ADA_COMPL	Logical	1		N
41	PEDEST_ACC	Logical	1		N
42	COMMENT	Memo	10		N

2.3.1.10--MAIN_FAC.DBF

Field	Field Name	Type	Width	Decimal	Index
1	NAME	Character	60		Y
2	SEQ_NUM	Numeric	6		Y
3	FACILITY	Numeric	2		Y
4	LOCATION	Character	60		N
5	DRYDOCK	Logical	1		N
6	MARINE_RLY	Logical	1		N
7	STRAD_CAR	Logical	1		N
8	MARG_WHAR	Logical	1		N
9	CAPACITY	Numeric	2		N
10	ANN_MA_EXP	Numeric	6		N
11	ROUTE	Numeric	2		N
12	COMMENT	Memo	10		N

2.3.2.0 FIELD NAME DEFINITIONS

ADA_COMPL	ADA Compliance
ADA_DOORS	Doors (ADA Compliance)
ADA_ELEV	Elevators (ADA Compliance)
ADA_RAMPS	Ramps (ADA Compliance)
ADA_RST_RM	Rest Rooms (ADA Compliance)
ALT_RIDER	Adults Ridership
ANN_MA_EXP	Average Annual Maintenance Expenditures
ANN_REV_HR	Annual Revenue Hours
ANN_REV_MI	Annual Revenue Miles
ANN_TOT_CA	Annual Total Cargo Tons
ANN_TOT_PA	Annual Total Passengers
ANN_TOT_VE	Annual Total Vehicles
ANN_VES_HR	Annual Vessel Hours
ANN_VES_MI	Annual Vessel Miles
APRON_WIDT	Apron Width
BARGE_NSPP	Barge Non-Self Propelled
BARGE_SPR	Barge Self Propelled
BODY_NAME	Body of Water Served
BOW_THRUST	Bow Thrusters
BUS_ALT	Bus Alternative
CANELLAT	Cancellations
CAP_TERMIN	Capital Expenses /Terminals
CAP_VESSEL	Capital Expenses /Vessels
CARGO	Cargp (CA)
CARG_ML_TO	Cargo/Mail (Tons)
CAT_NAME	Category Name(Land Mass Connection)
CHILD_RIDER	Children Ridership

COM_RL_ALT	Commuter Rail Alternative
COMM_PASS	Commuter Passenger (C)
CON_PAS_VE	Conventional Passenger Vessel
CONT_NAME	Contact Name
CONT_TITLE	Contact Title
CROSS_HARB	Cross Harbor
CROSS_RIVR	Cross River
CRU_SPEED	Crusing Speeds
DAILY_FEE	Fee Structure
DEPRECIATI	Depreciation
DINNER_CRU	Dinner Cruise(D)
DIST	Distance
DOCK_CAP	Docking Capacity (# of Vessels)
DOCK_TIME	Docking Time
DROP_PICK	Drof-Off/Pick-Up
DRV_OFF_ON	Drive Off/On (Cargo Capacity)
FARE_COL	Fare Collection (Method)
FED_ASSIST	Federal Assistance
FUEL_UTIL	Fuel Utilized
EXC_TOUR	Excursion/Tourist (E/T)
HADI_RIDER	Handicapped/Disabled Ridership
HORSE_POWER	Break Horse Power
HOURLY_FEE	Fee Structure
ISLD_ISLD	Island to Island
I_HARBOR	Inner Harbor
INT_ST_NAM	Interim Stop Name
INTER_STOP	Interim Stop
LKPT_LKPT	Lake Port to Lake Port
LATE_EV_SC	Late Evening Schedule
LAYOV_CAP	Layover Capacity
LFT_OFF_ON	Lift Off/On (Cargo Capacity)
LOAD_TIME	Loading Time
LOC_DED_RE	Local Dedicated Revenues
LOC_GEN_RE	Local General Revenue
LT_RL_ALT	Light Rail Alternative
MARINE_RLY	Marine Railway
MARG_WHAR	Marginal Wharf
MARKET_ARE	Market Area
MAX_SPEED	Maximum Speed
MISC	Miscellaneous (Operating Expenses)
MISCELL	Miscellaneous (Revenue)
MLD_ISLD	Mainland to Island
NU_PER_DAY	Number Per Day
NUM_ROUTES	Number of Routes

NUMB_PROPS	Shafts, Propellers, Others
NUMB_ROUTE	Number of Routes Per Trip
ON_TIM-PCT	On Time Percentage
PARK_SPCS	Parking Spaces
PASS_FARE	Passenger Fares
PEDEST_ACC	Pedestrian Access
PIER LENG	Pier Length
PK_HR_S_IN	Peak Hour Schedule Increases
POPUL_CENT	Population Center
POPULATION	Market Area Population
PRESNT_VAL	Present Value
PRIVATE	Private Sector
PR_VEH_ALT	Privately Owned Vehicle
PROXIMITY	Proximity/Accessibility To Terminal
PUBLIC	Public Sector
PURCH_TRAN	Purchased Transportation
RAM_GANGWY	Ramp/Gangway System Used
RT_NUMBER	Route Number
REG_DAI_SC	Regular Daily Schedule
ROL_OFF_ON	Roll_Off/On (Cargo Capacity)
ROUTE	Service Route
SENR_RIDER	Senior Citizens Ridership
SEQ_NUM	Sequence Number
STA_DE_RE	State Dedicated Revenues
STRAD_CAR	Straddle Carrier
STA_GEN_RE	State General Revenues
STUD_RIDER	Students Ridership
SYST_GEN	System Generated
TAXES	Taxes Levied
TAXI_JITN	Taxi/Jitney
TIDE_RANGE	Tidal Range
TOTAL	Total Annual Income
TOTL_RIDER	Total Ridership
TRIPS_DAY	Number of Trips Per Day
TYPE_DRIVE	Type Drive (Direct/Gear/Electric/Water Jet)
UNDOC_TIME	Undocking Time
UNLD_TIME	Unloading Time
VALET	Parking Valet
VEHICLE	Vehicle (V)
VESSEL_TYP	Vessel Type
WASTE_DISP	Waste Disposal
YEAR_BIULT	Year Manufactured

2.4.0. USE OF THE DATABASE

2.4.1 Entering

Turning on the computer, the C prompt will appear

Example: C:\cd dbase (enter)
C:\dbase>cd jobs (enter)
C:\dbase\jobs>dbase (enter)

The control panel will appear on screen.
Choose type of information that is needed.

If you are familiar with dBase IV, it is safe for you to use the control panel.

If you are not familiar with dBase IV, then follow instruction in section 2.6.

2.4.2 Retrieving Reports and Updating the Data Base

From the Control Panel, select FERRY or 'F' from the Applications list, you will then select 'Run Application'. Dbase will ask you "Are you sure you want to run application?" say "Yes" then Enter twice.

A bar menu will show on screen.

Choose "Enter Data" to update database. A menu will appear and you can select the section that you want to update.

Choose "Display Reports", then the Vessel Report Menu will appear.

Pick type of report that you want. The reports are divided into regions and the overall total of reported data is also included.

The attached chart Appendix 2, is self explanatory and identical to what will be shown on the screen. Each block represents a menu pad that allows you to choose any type of report. The report can be displayed on screen or be printed as you desire. The chart displays the name of the menu along with a list of different categories of the ferry system with its appropriate program name (in italic).

2.4.3 Copying Disks Into Your DBase Software (dbase IV)

- 1.- Go to dbase prompt
- 2.- Create a directory for the new dbase file
- 3.- Change to drive a: or b:
- 4.- Type the following:
a:\ copy *.* c:\dbase\new directory name
- 5.- repeat step 4 to copy all disks.

2.5.0 DATA BASE CONTENT

2.5.1 General

The UHI National Ferry Data Base contains over 2,400 items of information collected from 163 ferry systems throughout the United States. Information received from responding organizations was entered onto an organization format corresponding to the UHI questionnaire and is identified by a file number established for each organization (UHI ID#). The information must be entered onto the questionnaire format but can be retrieved a number of ways, including customized reports, the pre-established reports or as an entire organizational report.

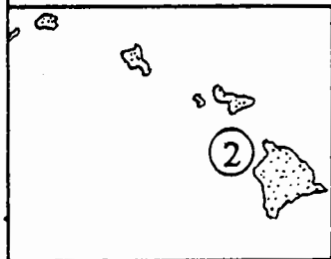
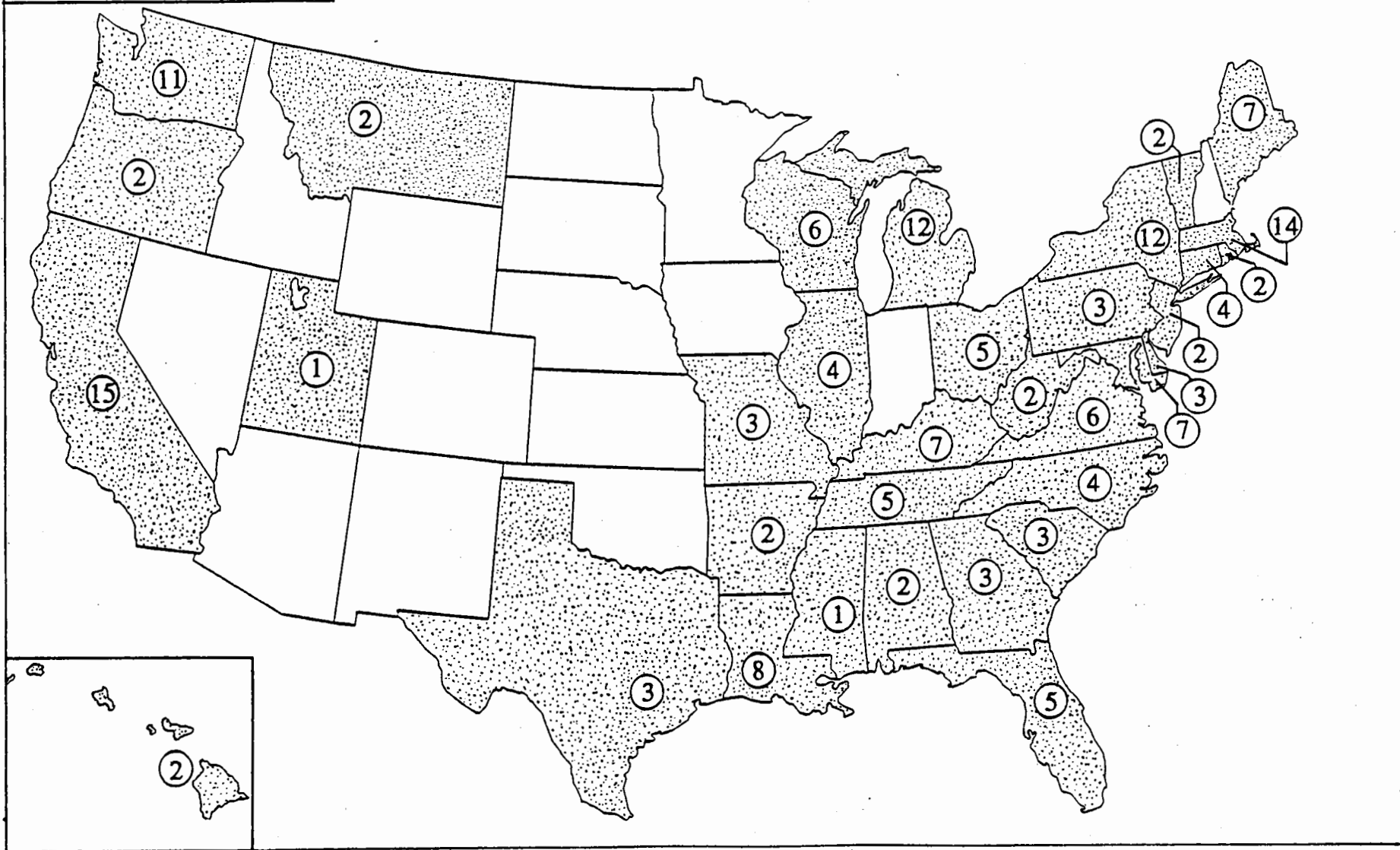
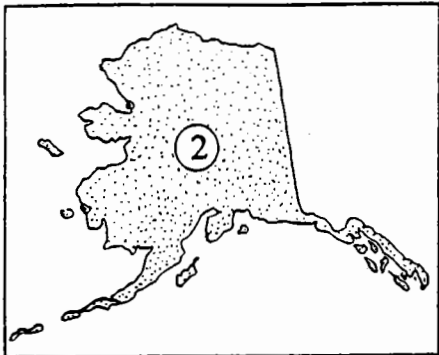
2.5.2 Organizational Reports

Urban Harbors Institute has chosen 25 reports as examples of the format and information included in the data base.

CHAPTER 3

NATIONAL FERRY PROFILES

Ferry System Distribution Throughout United States



URBAN HARBORS INSTITUTE'S NATIONAL FERRY DATA BASE

NATIONAL FERRY PROFILES

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URBAN HARBORS INSTITUTE'S NATIONAL FERRY DATA BASE

CHAPTER 3 - FERRY PROFILES

3.0 Ferry Profiles

3.1 Introduction

Since the inception of the waterborne transportation data base project, at the Urban Harbors Institute, conformation of an accurate total number of the ferry systems operating in the United States has been a difficult undertaking if not somewhat confusing. In Ferries of America, A Guide to Adventurous Travel, Sarah Bird Wright takes her reader on a carefully organized tour of America's waterborne transportation system, identifying 270 working ferries throughout the United States. During her tour, Ms Wright details ferries spread throughout the country, from the far reaches of Northern Maine to the frozen coastline of Alaska.

Many ferry enthusiasts, while utilizing Ferries of America as a reference, respond to questions about the number of systems in existence today, quite differently. According to varying opinions, the ferry population is as high as 350 to 400 systems. In compiling the data base, UHI has not been able to identify a total number of ferry organizations or routes that equals the totals quoted by these enthusiasts.

The following ferry profiles, adapted from the Waterborne Passenger Transportation Data Base recently compiled by the Urban Harbors Institute, identifies 168 organizations operating ferries in the U.S.. This includes both publicly operated and privately owned systems. A count of the multiple routes operated by many of these organizations, brings UHI's total closer to Ms Wright's count than those of many of the other quotations. UHI's total number of ferry routes is 263, an average of approximately 1.56 routes per system.

TOTAL OF SYSTEMS AND ROUTES					
<i>Services</i>			<i>Routes</i>		
	<i>Public</i>	<i>Private</i>		<i>Public</i>	<i>Private</i>
Total	72	96	Total	128	134
GRAND TOTAL -SYSTEMS -168			GRAND TOTAL -ROUTES - 262		

Figure 3.1 - Total of Systemss and Routes

UHI's data base, with over 2,400 items of information, has been driven by the identification of the controlling ferry or transportation organization rather than the ferry route or service. One of the best illustrations of this is the Sayville Ferry Service listing. Sayville, celebrating over one hundred years in the ferry business, offers four routes from Long Island, New York to communities on Fire Island, New York. UHI's listing portrays Sayville Ferry Service once and details the four services within this portrayal.

Ferries of America lists each service individually, referring the reader back to the original organizational listing for details on the company. UHI has, however, where appropriate, listed a number of state Department of Transportation and Highway Department supported routes separately, especially when they are operating as separate entities from widely spread locations. An example of this would be the UHI listing for services provided by the Virginia Department of Transportation whose ferry system is located in a number of what it terms "residencies".

We feel that the disparity in this instance has more to do with the definition of the service being provided by the vessel operator than with the actual number of vessel operating companies in existence. UHI actually graduated from the ultimate qualifier of a legitimate ferry system originally intended as the guideline for the Federal Transit Administration - the provision of transportation to regular commuting customers - to the next qualifying level, the movement of numbers of customers back and forth between two locations whether they are commuters or tourists.

The actual qualifying definition of a ferry operating in U.S. waters is referenced in the U.S. Coast Guard regulations, Paragraphs 70.10-15 Subchapter H & 175.10-9 Subchapter T - Ferry of Title 46:

"Under this designation shall be included those vessels, in other than ocean or coastwise service having provisions only for deck passengers and or vehicles, operating on a short run on a frequent schedule, between two points over the most direct water route, and offering a public service of a type normally attributed to a bridge or tunnel."

Today, however, many vessel operations handling people from one point to another, are being considered ferries eventhough the definition of their service is quite different than that intended by the U.S. Coast Guard.

The UHI data base summaries, categorizes the ferry organizations that we have included in our data base into publicly and privately funded or supported entities. UHI has divided this listing of ferry organizations into seven regional areas and further listed them by state. Our regional division by state includes:

- 3.1.1 New England Region:
 - Maine
 - Vermont
 - Massachusetts
 - Rhode Island
 - Connecticut
- 3.1.2 Mid Atlantic Region
 - New York
 - New Jersey
 - Delaware
 - Pennsylvania
 - Maryland
 - West Virginia
- 3.1.3 South Atlantic
 - Virginia
 - North Carolina
 - South Carolina,
 - Georgia
 - Florida
- 3.1.4 Gulf Coast and Southern Region
 - Alabama
 - Louisiana
 - Mississippi
 - Kentucky
 - Tennessee
 - Arkansa
 - Texas.
- 3.1.5 Midwest Region
 - Illinois
 - Indiana
 - Michigan
 - Minnesota
 - Missouri
 - Ohio
 - Wisconsin
- 3.1.6 Rocky Mountain and West Region
 - Arizona
 - California
 - Montana
 - Nevada
 - Utah
 - Hawaii.
- 3.1.7 North West Region
 - Alaska
 - Oregon
 - Washington State.

DISTRIBUTION OF FERRY SYSTEMS & ROUTES					
New England Region					
Ferry Systems			Ferry Routes		
AREA	PUBLIC	PRIVATE	AREA	PUBLIC	PRIVATE
<i>Maine</i>	2	5	<i>Maine</i>	10	8
<i>Vermont</i>		2	<i>Vermont</i>		4
<i>Massachusetts</i>	4	10	<i>Massachusetts</i>	6	14
<i>Rhode Island</i>		1	<i>Rhode Island</i>		3
<i>Connecticut</i>	1	2	<i>Connecticut</i>	2	3
<i>Subtotal</i>	7	20	<i>Subtotal</i>	18	32
Mid-Atlantic Region					
Ferry Systems			Ferry Routes		
AREA	PUBLIC	PRIVATE	AREA	PUBLIC	PRIVATE
<i>New York</i>	3	9	<i>New York</i>	10	19
<i>New Jersey</i>		2	<i>New Jersey</i>		3
<i>Delaware</i>	3		<i>Delaware</i>	3	
<i>Pennsylvania</i>	1	2	<i>Pennsylvania</i>	1	2
<i>Maryland</i>	1	6	<i>Maryland</i>	2	6
<i>West Virginia</i>	1	1	<i>West Virginia</i>	1	1
<i>Subtotal</i>	9	20	<i>Subtotal</i>	17	31
South Atlantic					
Ferry Systems			Ferry Routes		
AREA	PUBLIC	PRIVATE	AREA	PUBLIC	PRIVATE
<i>Virginia</i>	4	2	<i>Virginia</i>	5	3
<i>North Carolina</i>	3	1	<i>North Carolina</i>	10	1
<i>South Carolina</i>	2	1	<i>South Carolina</i>	2	1
<i>Georgia</i>	1		<i>Georgia</i>	1	
<i>Florida</i>	3	1	<i>Florida</i>	3	1
<i>Subtotal</i>	13	5	<i>Subtotal</i>	21	6
Gulf & Southern Region					
Ferry Systems			Ferry Routes		
AREA	PUBLIC	PRIVATE	AREA	PUBLIC	PRIVATE
<i>Kentucky</i>	3	3	<i>Kentucky</i>	3	3
<i>Tennessee</i>	3	2	<i>Tennessee</i>	4	2
<i>Arkansas</i>	1	1	<i>Arkansas</i>	2	1
<i>Alabama</i>	2		<i>Alabama</i>	2	
<i>Mississippi</i>	1		<i>Mississippi</i>	1	
<i>Louisiana</i>	8	1	<i>Louisiana</i>	15	1
<i>Texas</i>	2	1	<i>Texas</i>	2	1
<i>Subtotal</i>	20	8	<i>Subtotal</i>	29	8

Figure 3.2 - Distribution of Ferry Systems& Routes

Distribution of Ferry Systems & Routes - Figure 3.2(Continued)

DISTRIBUTION OF FERRY SYSTEMS & ROUTES					
Mid West & Great Lakes Region					
Ferry Systems			Ferry Routes		
AREA	PUBLIC	PRIVATE	AREA	PUBLIC	PRIVATE
<i>Ohio</i>		5	<i>Ohio</i>		6
<i>Michigan</i>	5	8	<i>Michigan</i>	8	11
<i>Illinois</i>	2	2	<i>Illinois</i>	3	1
<i>Wisconsin</i>	1	4	<i>Wisconsin</i>	1	7
<i>Missouri</i>	1	3	<i>Missouri</i>	1	3
<i>Subtotal</i>	9	22	<i>Subtotal</i>	13	28
Rocky Mountain & West Region					
Ferry Systems			Ferry Routes		
AREA	PUBLIC	PRIVATE	AREA	PUBLIC	PRIVATE
<i>Montana</i>	2		<i>Montana</i>	3	
<i>Utah</i>		1	<i>Utah</i>	1	
<i>California</i>	5	10	<i>California</i>	8	17
<i>Hawaii</i>		2	<i>Hawaii</i>		2
<i>Subtotal</i>	7	13	<i>Subtotal</i>	12	19
Northwest Region					
Ferry Systems			Ferry Routes		
AREA	PUBLIC	PRIVATE	AREA	PUBLIC	PRIVATE
<i>Washington</i>	5	6	<i>Washington</i>	13	9
<i>Oregon</i>		2	<i>Oregon</i>	3	
<i>Alaska</i>	2		<i>Alaska</i>	2	1
<i>Subtotal</i>	7	8	<i>Subtotal</i>	18	10

3.2 Ferry System Profiles

In the following summary, profiles of the ferry services identified in the data base are presented by region, state and organization. Multiple routes are included within each organization's listing, if applicable. The individual summaries include: the name of the ferry service, address, telephone, fax, contact person or position, number of vessels, number of routes, schedules, fares and a short narrative. The summary also provides the UHI ID #, a cross reference to the UHI master data base.

New England Region

Maine

1. Maine State Ferry Service/Dept. of Transportation (Six Routes)

UHI - ID# 124

UHI Area: New England

Address:

Maine State Ferry Service
P.O. Box 645
Rockland, ME 04841

Telephone: (207) 596-2202

Fax: (207) 596-2281

Contact: Walter Wotton, Manager

Number of Vessels: Seven **Number of Routes:** Six

Schedules: There are three seasonal schedules for this service. The schedule that follows is the summer schedule for the all six routes. It is best to check with the ferry service for all other seasons. From April through October Monday through Sunday - departs from Vinalhaven and Rockland at 7:00 A.M. , 8:45 A.M., 11:15 A.M., 1:00 P.M., 3:30 P.M., and 5:00 P.M.. Swans Island - Bass Harbor - departs Swans Island at 8:15 A.M., 10:15 A.M., 1:30 P.M., 3:00 P.M., 4:30 P.M., departs Bass Harbor 9:30 A.M, 11:00 A.M., 2:15 P.M., 3:45 P.M. 5:15 P.M. From North Haven to Rockland, departs NorthHaven 8:00 A.M., 12:00 noon, 3:00 P.M., departs Rockland 9:30 A.M., 1:30 P.M. 4:30 P.M.. Islesboro and Lincolnville - departs Islesboro 7:30 A.M., 8:30 A.M., 9:30 A.M., 12:30 P.M., 2:30 P.M., 3:30 P.M., 4:30 P.M., departs Lincolnville 8:00 A.M., 9:00 A.M., 10:00 A.M., 1:00 P.M., 3:00 P.M., 4:00 P.M., 5:00 P.M. January through December on Wednesdays departs Bass Harbor 9:00 A.M. departs Frenchboro 10:00 A.M. on Thursdays departs Bass Harbor 1:00 P.M. departs Frenchboro 2:00 P.M.. and the last Rockland and Matinicus Island makes 24 trips per year.

Fares: To North Haven, Fenchboro, Swans Island and Vinalhaven Adults \$8.00 round trip \$6.00 one way children \$4.00 round trip \$3.00 one way. To Islesboro Adults \$4.00 round trip, \$3.00 one way, children \$2.00 round trip \$1.50 one way.

Maine State Ferry System (continued)

Maine State Ferry is a public system that operates several routes connecting the mainland with Maine's coastal islands. These include: service from Vinalhaven to Rockland, crossing time is one hour and fifteen minutes, Swans Island to Bass Harbor where crossing time is 40 minutes; North Haven to Rockland where crossing time is one hour; Islesboro to Lincolnville where crossing time is twenty minutes; Bass Harbor to Frenchboro with a crossing time of fifty minutes and last, from Rockland to Matinicus Island a route that makes 24 trips a year, with a crossing time of two hours and fifteen minutes. The system utilizes seven vessels that operate on the coastal North Atlantic carrying both passengers and vehicles. Year round populations for all of the islands equals approximately 3,000 people.

##

2. Monhegan Boat Line

UHI - ID# 118

UHI Area: New England

Address

P.O. Box 238
Port Clyde, ME 04855

Telephone: (207) 372-8848

Contact: Captain James Barstow, Owner

Number of Vessels: One **Number of Routes:** One

Schedules: Spring and fall 10:30 & 2:45, July & August 7:00,
10:30 & 2:45

Fares: Adults \$14.00, children \$8.00 one way.
Adults \$24.00, children \$12.00 round trip

Monhegan Boat Line operates a privately owned ferry all year with full service daily during the summer and fall months. During the winter season (November 1st - April 30th) the service runs on Monday, Wednesday, and Friday. The ferry operates on the coastal Atlantic between Port Clyde and Monhegan, ME, serving an area with a population of approximately 400 people. Trip time is one hour. There is one conventional vessel utilized with a capacity of 93 people.

##

3. Beal and Bunker, Inc. (Two Routes)

UHI - ID# 119

UHI Area: New England

Address:

Cranberry Isles, Box 33
Cranberry Isles, ME 04625

Telephone: (207) 244-3575

Contact: Mr. David Bunker, President

Number of Vessels: Three **Number of Routes:** Two

Schedule: There are three seasonal schedules. The following is the schedule for the summer season from June 20th through September 5th is 7:30 A.M. to 6:45 P.M. The

Off season schedule is from May 2nd - June 19th, and September 6th - October 23rd. 7:30 A.M. - 5:00 P.M. The winter schedule is from October 24th - May 6th 7:30 A.M. - 4:00 P.M.

Fares: Adults \$8.00, children \$4.00 (round trip)

Beal & Bunker is a privately owned ferry operating all year, serving an area with a population of approximately 400 people. The ferry operates on the Atlantic Gulf and the Great Harbor of Mount Desert. Service is to Northeast Harbor, Big Cranberry Little Cranberry and Sutton. Trip times are thirty minutes and forty-five minutes. The company has three conventional passenger vessels with a capacity of 68, 49, and 40 passengers.

##

**4. Casco Bay Island Transit District/Casco Bay Lines
(Four Routes)**

UHI- ID# 117 UHI Area: New England

Address:

56 Commercial St., Box 4656
Portland, ME 04112

Telephone: (207) 774-7871
Fax: (207) 774-7875
Contact: Mr. Patrick Christian, General Manager
Number of Vessels: Four **Number of Routes:** Four
Schedule: 5:45 A.M. - 11:50 P.M.
Fares: Cars \$8.00, campers \$9.75 - \$34.50, RV's
\$17.25 - \$34.50.

Casco Bay Line is a quasi-public ferry that operates all year on the Casco Bay supporting an area that has a population of approximately 180,000 people. Service is between Portland and Peaks Island, Chebeague Island, Long Island and Cliff Island, described as the Casco Bay Islands. Trip times range between twenty minutes to Peak Island to 2 hours. The organization utilizes four conventional passenger vessels with capacities of 300, 300, 254, and 350.

##

5. Isle Au Haut Company (Two Routes)

UHI- ID# 114 UHI Area: New England

Address:

Rural Rte. 1, P.O. Box 3636
Stonington, ME 04681

Telephone: (207) 367-5193
Contact: Herbert Aldrich, Captain
Number of Vessels: Two **Number of Routes:** Two
Schedules: Summer hours 7:00 A.M. - 5:45 P.M. second route
10:00 A.M. - 7:15 P.M. . Winter hours are 7:00 A.M.
- 3:50 P.M.
Fares: Rates vary according to season. Spring and
Summer rates are: Adults \$9.00 , Sundays \$11.00
children \$4.50, Sundays \$5.00. Book of twenty fares
\$150.00. Winter rates are: adults \$5.00, children
\$2.50. Book of twenty fares \$80.00 All fares are one
way.

Isle Au Haut is a privately owned service that runs all year between Stonington, ME and the Isle Au Haut, operating in the coastal Atlantic Ocean. During the summer it serves a population of approximately 500. During the summer, a second route is operated traveling from Stonington and Duck Harbor, this route operates from June 20th through September 12th. Trip time is 45 minutes. This service has two vessels with a capacity of 62 and 70 passengers.

##

6. Balmy Days Ferry - Maranbo II, Inc. (Two Routes)

UHI- ID# 121 UHI Area: New England

Address:

P.O. Box 535
Boothbay Harbor, ME 04538

Telephone: (207) 633-2284

Contact: Captain Bob Campbell, President

Number of Vessels: Two **Number of Routes:** Two

Schedule: The hours for the first are 9:30 A.M. - 4:15 P.M.
The second route makes 7-9 trips a day starting at 7:00 A.M.

Fare: First route are adults \$28.00, children \$16.00 (round trip). The fares for the second route are adult \$7.00, children \$4.00 (round trip).

Balmy Days Ferry - Maranbo II, Inc. is a privately owned ferry that operates year round, serving an area with a population of approximately 700 people. The ferry operates two routes between Boothbay Harbor and Monhegan Island off the Atlantic coast. Trip time is ninety minutes and thirty minutes. The company utilizes two conventional passenger vessels with capacities of 67 and 149 passengers.

##

7. Chebeague Transportation Co.

UHI- ID# 266 UHI Area: New England

Address:

315A Cousins Island Rd.
Yarmouth, ME 04096

Telephone: (207) 846-3700

Contact: David Hill (207) 846-6745

Number of Vessels: Three **Number of Routes:** One

Schedule: 6:40 A.M. - 10:45 P.M. Barge trips by appointment only.

Fare: One way commuter \$1.70, stockholder \$2.40, general \$4.50, children .75

Chebeague Transportation Co. is a privately owned ferry and barge ferry that operates daily. During the months of April 1st - November 30th the barge operates by appointment. The ferry operates between Cousins Island and Chebeague. Trip time is fifteen minutes. The company utilizes two passenger vessels with a capacity of 119, and 58 passengers. The barge has a capacity of 100,000 pounds.

##

Vermont

1. Lake Champlain Transportation Co. (Three Routes)

UHI - ID# 89

UHI Area: New England

Address:

King Street Dock
Burlington, VT 05401

Telephone: (802) 864-9804

Fax: (802) 864-6830

Contact: Ray Pecor, Owner

Henry Sorrell, General Manager

Number of Vessels: Eight **Number of Routes:** Three

Schedules: The schedule for the first route is 5:00 A.M. - 1:20 A.M.. The schedule for the second route is 8:00 A.M. - 6:30 P.M. and the third routes hours are 6:30 A.M. - 8:00 P.M..

Fares: The fares for the first route are: adults \$2.50, children \$.75, senior citizens \$2.10, car and driver \$11.75. Fares for the second route are: adults \$5.50, children \$1.50, senior citizens \$4.70, car and driver \$28.00. Fares for the third route are: adults \$2.50, children \$.75, car and driver \$11.75. These fares are for round trips.

Lake Champlain Transportation provides a privately owned service that operates three routes. The first operates year round on a daily basis providing service between Gand Isle, Vermont to Plattsburgh, NY, trip time is twelve minutes. The second route operates daily between the months of May and October on Lake Champlain, between Burlington, Vermont and Port Kent, New York. trip time is sixty minutes. The third route operates daily from March to January between Charlotte, Vermont to Essex, NY, trip time is twenty minutes. The system serves a total population of 21,500. The company utilizes eight vessels with capacities ranging from 196 to 312 passengers and 28 to 50 vehicles.

##

Massachusetts

1. Woods Hole, Martha's Vineyard & Nantucket Steamship Authority (Three Routes)

UHI- ID# 156

UHI Area: New England

Address:

P.O.Box 284

Woods Hole, MA 02543

Telephone: (508) 548-5011

Fax: (508) 548-8410

Contact: Wayne Lamson, Acting General Manager

Number of Vessels: Five **Number of Routes:** Three

Schedules: Schedules vary due to seasonal fluctuations in ridership and adjustments in the number of vessels operating. During the summer season, the Vineyard Haven service operates from 7:15AM to 8:45PM; the Oak Bluffs service from 9:45AM to 5:15PM; the Hyannis to Nantucket service from 9:15AM to 8:15PM daily. The Authority adjusts during holiday weekends and during the off-seasons. Suggest calling for details.

Fares: Fares for Vineyard Haven are: adults \$9.00, children \$4.50 (round trip), car and driver \$36.00 (one way). Fares for Oak Bluffs are: adults \$9.00, children \$5.50 (round trip), and the fares for Nantucket are: adults \$19.50, children \$9.80, (round trip), and car and driver \$83.00 (one way).

WHMV&N SSA is a public service that operates all year on a daily basis, serving a population of approximately 14,000 people on the island of Martha's Vineyard and 6,000 on the Island of Nantucket. These ferries operate between Woods Hole and Oak Bluffs on Martha's Vineyard and Hyannis, Massachusetts and Nantucket. The ferry crosses Buzzards Bay and Vineyard and Nantucket Sounds. There are five conventional passenger vessels with varying capacities: 1,450 passengers, and 65 vehicles, 788 passengers and 90 vehicles, 650 passengers and 30 vehicles, 1,166 passengers and 60 vehicles, and the last has a vessel capacity of 149 passengers and 30 vehicles.

##

2. Logan Airport Shuttle

UHI - ID# 161

UHI Area: New England

Address:

50 Rowes Wharf
Boston, MA 02110

Telephone: (617)951-0255 or (800) 23- LOGAN
Fax: (617) 951-1350
Contact: Mr. Jim Craig, Manager (426-8401)
Number of Vessels: Three **Number of Routes:** One
Schedules: 6:00AM - 8:00PM leaving every fifteen minutes
Fares: Adults \$8.00, children and senior citizens \$4.00,
(one way)

Logan Airport Shuttle is a privately owned ferry service running year round, providing daily service between Rowes Wharf Boston and Boston's Logan Airport. This ferry is available to hotel residents at both the Logan Airport Hyatt and the Boston Harbor hotels and the general public and business travelers between downtown Boston and the airport. The service operates in a market area with a total population of approximately 3 m people. The ferry crosses Boston Harbor. Trip time is 12 minutes. The company utilizes three vessels each with a capacity of 28 passengers.

##

3. Bay State Cruise Co (Three Routes)

UHI- ID# 46 UHI Area: New England

Address:

20 Long Wharf or 184 High Street, Suite 501
Boston, MA 02110

Telephone: (617) 723-7800 or 457-1499

Fax: (617) 720-5738 or 457-1425

Contact: Ms. Carolyn Moore
Chief Operating Officer

Number of Vessels: Six **Number of Routes:** Three

Schedule: From Boston to Hull, MA, the hours are
7:20A.M and 5:30 P.M..

Seasonal service to Provincetown operates during
the hours of 9:30 A.M. to 3:30 P.M. . The hours for
the third route , Boston to Charlestown are 10:30
A.M. to 4:30 P.M..

Fare: The fares for the first route are: adults
\$3.00, (one way) for the second route the
fares are: adults \$25.00 (round trip) and the
fare for the third route is adults \$5.00
(round trip).

Bay State Cruise Co is a privately owned excursion/ferry service providing ferry service to a number of areas in the Boston market area. They offer three services, two in conjunction with their excursion/tourist work. The first between Boston and Hull, MA provides regular commuter service; the second from Boston to Provincetown, MA operates on a seasonal basis and the third, from Boston to Charlestown also operates on a seasonal basis from April to October The Hull trip takes approximately 50 minutes, the Provincetown trip approximately three hours and the Charlestown shuttle, 10 minutes. The company also offers special ferry services between downtown Boston to the World Trade Center in South Boston serving conferences and exhibits on a contract basis only. The company utilizes six vessel with a capacity of 1127, 600, 500, 400, 190, and 146 passengers.

##

4. Massachusetts Bay Lines, Inc.

UHI- ID# 9 UHI Area: New England

Address:

60 Rowes Wharf Ferry Terminal,
Boston, MA 02110

Telephone: (617) 542-8000

Fax: (617) 951-0700

Contact: William J. Spence, President
Jay Spence, Vice President

Number of Vessels: Four **Number of Routes:** One

Schedule: 7:00 - 5:30

Fares: \$4.00 (book of 10 tickets \$30.00)

Massachusetts Bay Lines is a privately owned excursion/ferry operator providing a commuter service to Boston's Southshore area. The service runs on work days, year around, serving a market population of approximately 200,000. It crosses protected waters between Boston's inner and outer harbors and Quincy Bay from Hingham to Boston. Trip time is 35 minutes. The company uses one boat out of a fleet of four for the commuter service. This vessel has a capacity of 340.

##

5. Boston Harbor Commuter Service/Hingham Ferry

UHI- ID# 162 UHI Area: New England

Address:

50 Rowes Wharf
Boston, MA 02110

Telephone: (617) 951-0255

Fax: (617) 951-1350

Contact: Mr. Jim Craig, Manager (426-8401)

Number of Vessels: Six **Number of Routes:** One

Schedule: 6:00 A.M. - 7:30 P.M. Monday through Friday
making 34 trips daily.

Fare: \$4.00 one way

Boston Harbor Commuter Service is a privately owned ferry operating on a multi- year contract to provide public ferry service between Hingham, MA and Boston. The ferry operates in Boston Harbor and Quincy Bay on a trip that takes thirty-five minutes. The company utilizes six conventional passenger vessels on this service. Capacities range from 149 to 350.

##

6. Boston Harbor Cruises

UHI ID# 25 UHI Area: New England
Address:
One Long Wharf
Boston, MA
Telephone: (617) 227-4321
Number of Vessels Three Number of Routes: One
Schedule:
6:30AM to 9:00 AM every 15 minutes
9:00AM to 3:30 PM every 30 minutes
3:30PM to 6:30 PM every 15 minutes
6:30PM to 8:25 PM every 30 minutes
Fares: \$1.00

Boston Harbor Cruises is a privately owned ferry operating with a public contract to provide commuter service between downtown Boston and Charlestown, MA. The ferry serves a market area with a population base of approximately 80,000 people. The company utilizes three vessels, each with a capacity of 28 passengers.

##

7. MWRA/DEER ISLAND FERRY

UHI ID# UHI Area: New England
Address:
Medford Street
Charlestown, MA 02129
Telephone: (617)
Number of Vessels: Three Number of Routes: One
Schedule: Daily, morning and afternoon shift changes
Fares: Free. (Available to workers only.)

MWRA/Deer Island Ferry is a privately contracted service providing exclusive water transportation for workers at the Deer Island Treatment Facility being constructed by the Massachusetts Water Resources Authority. The ferry is operated by a joint venture, on contract to the public agency. The ferry operates in the Boston Harbor from Marina Bay, Quincy, MA to Deere Island, MA. Trip time is approximately 15 minutes. The company utilizes three vessels, each with a capacity of 350 passengers.

##

8. Provincetown Ferry

UHI ID# 23

UHI Area: New England

Address:

Cape Cod Cruises
58 Seven Hills
Plymouth, MA 02360

Telephone: (508) 747-2400

Contact: Stanley Tavares

Number of Vessels: Two

Number of Routes: One

Schedule: June to September, departs Plymouth
10Am daily returns to Plymouth 6pm.
May to mid June, and early Sept to late
September, weekends only

Fares: Adults -\$22.00; Seniors - \$18; Children
(Under 12) \$14.

Provincetown Ferry is privately owned serving the entire Boston area with a total base population of over 3 million people. The ferry operates one round trip per day, seasonally on Cape Cod Bay between Plymouth, Massachusetts and Provincetown, Massachusetts. The company utilizes two vessels with a capacity of 250 passengers.

##

9. Cape Island Express Lines, Inc

UHI- ID# 154

UHI Area: New England

Address:

P.O. Box 4095
New Bedford, MA 02741

Telephone: (617) 997-1688

Contact: Janet Thompson, Owner

Number of Vessels: One **Number of Routes:** One

Schedule: 9:00 A.M, 1:00 P.M. and 5:00 P.M.

Fares: Adults \$15.00, children \$7.50 round trip

Cape Island Express Line is a privately owned ferry operating passenger only service between mid May through mid October. This line serves a local population and travelers from areas North, South and West of Massachusetts to Martha's Vineyard via New Bedford. The ferry operates on Buzzards Bay. Trip time is one hour and thirty minutes. The company has one conventional passenger vessel with a capacity of 640 passengers.

##

10. Cuttyhunk Boat Lines, Inc

UHI- ID# 155

UHI Area: New England

Address:

Pier 3

New Bedford, MA 02741

Telephone: (508) 992-1432

Contact: Mr. Ray, Fisherman's Wharf

Number of Vessels: One **Number of Routes:** One

Schedule: 9:00 A.M. - 5:00 P.M.

Fare: Adults \$5.00, children under 12 \$2.50.

Cuttyhunk Boat Lines is a privately owned ferry system that operates all year, on Vineyard Sound, serving a population of approximately 390 people on Cutty Hunk Island and 98,000 in the New Bedford area. This ferry operates between New Bedford and Cuttyhunk Island utilizing one vessel with a capacity of 49 people.

##

11. Hyannis Harbor Tours, Inc. (Three Routes)

UHI- ID# 158

UHI Area: New England

Address:

22 Channel Point Rd.

Hyannis, MA 02601

Telephone: (508) 775-7185

Fax: (508) 778-5966

Contact: Mr. Murray Scudder
Vice President, Operations Manager &
Personnel Director

Number of Vessels: Five **Number of Routes:** Three

Schedules: There are six round trips daily from Hyannis to Nantucket. Four round trips daily from Hyannis to Martha's Vineyard. and three round trips daily from Nantucket to Martha's Vineyard

Fare: Fares are the same for all three routes, adults \$11.00, children \$5.50 one way.

Hyannis Harbor Tours is a privately owned ferry service operating three routes on Nantucket Sound between Hyannis and Nantucket, Hyannis to Martha's Vineyard and Nantucket to Martha's Vineyard under license to the Woods Hole, Martha's Vineyard and Nantucket Steamship Authority. The ferry serves a market area with a population of approximately 155,200. This company has five conventional passenger vessels with various capacity levels including: 803, 602, 510, 454, and 400 passengers.

##

12.M.V. Island Queen Corporation

UHI- ID# 159

UHI Area: New England

Address:

Island Commuter Corp.
297 Dillingham Ave.
Falmouth, MA 02543

Telephone: (508) 548-4800

Fax: (508) 457-1315

Contact: Gretchen T. Gradzewicz, Vice President

Number of Vessels: One **Number of Routes:** One

Schedule: 9:00 A.M. - 6:00 P.M., late May through mid October

Fares: Adults \$10.00, children \$5.00, bikes \$6.00,
these fares are round trip.

Island Queen is a privately owned ferry that runs daily from Falmouth's inner harbor to Oak Bluffs on Martha's Vineyard crossing Buzzards Bay, Nantucket Sound and Vineyard Sound. Trip time is 35 minutes. The service utilizes one passenger vessel with a capacity of 600 passengers

##

13. Patriot Party Boats

UHI- ID# 261

UHI Area: New England

Address:

227 Clinton Ave.
Falmouth, MA 02540

Telephone: (508) 548-2626

Fax:

Contact: Jim Tietje

Number of Vessels: One **Number of Routes:** One

Schedule: Leave Falmouth at 6:15 A.M. and 4:15 P.M.. Leave Oak Bluffs 7:00 A.M. and 5:00 P.M.

Fares: Adults \$5.00, Book of 10 \$40.00

Patriot Party Boat is a privately owned ferry that runs daily from Falmouth to OakBluffs on Marthas Vineyard.crossing Buzzards Bay, Nantucket Sound and Vineyard Sound. The trip takes approximately 45 minutes. The serviceutilizes one passenger vessel with a capacity of 49 passengers.

##

14. On Time Ferry

UHI-ID #257

UHI Area: New England

Address:

RFD 32B

Edgartown, MA 02539

Telephone: (508) 627-9427

Fax:

Contact: Roy & Deborah Hayes

Number of Vessels: Two **Number of Routes:** One

Schedules: Summer - Memorial Day to Oct 15 -
7:30AM to Midnight
Winter - 7:30AM to 6:00PM
6:30PM to 7:30PM
9:15PM to 9:45PM
10:55PM to 11:10PM

Fares: Car & driver \$4.50, passengers \$1.00, bicycle & rider \$2.50, mopeds and motorcycles \$4.00. all fares are round trip. Commuter books are also available.

On Time Ferry is a privately owned ferry service that operates on an inlet between Edgartown, Martha's Vineyard, Massachusetts and Chappaquidic, Martha's Vineyard, Massachusetts. The system utilizes two self propelled barges with a capacity of three automobiles and 49 passengers. Trip time for the 600' crossing is two minutes.

##

Rhode Island

1. Prudence Ferry Co. (Two Routes)

UHI- ID# 152 UHI Area: New England
Address:
Church St. Wharf
Bristol, RI 02809
Telephone: (401) 253-9808
Contact: Bruce Medley and Harry Church, Owners
Number of Vessels: One Number of Routes: Two
Schedules: Hours for the first route are: 6:10 - 5:30,
hours for the second route are: 10:00 - 6:00
Fares: Adults \$2.35, children \$.90, cars \$12.50,
fares for the second route are: adults \$1.50,
children \$.90 (one way).

Prudence ferry is privately owned, operating year round, on a daily basis, serving a population of approximately 400 people. This ferry serves three ports along the Rhode Island coast, Bristol, Prudence Island and Hog Island. The service crosses the Narragansett Bay. Trip time is 20 minutes. The company utilizes one vessel with a capacity of 150 passengers and 10 vehicles.

##

2. Interstate Navigation Co./Nelseco Navigation Co. (See Connecticut)

Connecticut

1. Connecticut Dept. of Trans. Bureau of Aviation and Ports (Two Routes)

UHI-ID# 139

UHI Area: New England

Address:

State Pier Road
New London, CT 06320

Telephone: (203) 443-3856

Fax: (203) 437-7251

Contact: Mr. Douglas Brown
Director of Port Operations

Number of Vessels: Two **Number of Routes:** Two

Schedule: Hours for both routes are 7:00 A.M. - 6:45 P.M.

Fare: Fares on both routes are adults, children, students, senior citizens, and disabled, \$.50, cars, and car and driver \$2.00.

Connecticut Department of Transportation operates a public ferry on the Connecticut River, serving an area with a population of 42,000 people. The service has two routes, One from Rocky Hill, CT to Glastonbury, CT and Chester CT to Hadlyme Ct. Trip time is five minutes for both. The system utilizes two self propelled barges with a vessel capacity of 28 passengers and 3 vehicles, and 48 passengers and 8 vehicles.

##

2. Cross Sound Ferry Service, Inc.

UHI-ID# 147

UHI Area: New England

Address:

P.O. Box 33, 2 Ferry Street
New London, CT 06320

Telephone: (203) 443-5281 (516) 323-2525

Fax: (203) 440-3492

Contact: Mr. Richard MacMurray, General Manager

Number of Vessels: Five **Number of Routes:** One

Schedule: 7:00 A.M. - 9:45 P.M.

Fare: Adults \$8.50, \$13.00 same day round trip, children \$4.25, \$6.50 same day round trip, car and driver \$28.00 one way

Cross Sound Ferry Service is a privately owned ferry that operates all year with the exception of Christmas Day. The ferry crosses Long Island Sound, between New London, CT and Orient Point, Long Island, NY. Trip time is 90 minutes. The company utilizes four conventional passenger vessels with capacities of 120, 90, 47, 33, and 21 vehicles.

##

3. Interstate Navigation Co./Nelseco Navigation Co. (Three Routes)

UHI- ID# 153 **UHI Area:** New England

Address:

P.O. Box 482
New London, CT 06320

Telephone: (203) 442-7891

Fax: (203) 442-0215

Contact: Suzan Landa, Vice President

Number of Vessels: Five **Number of Routes:** Three

Schedule: Daily

Fares: The fares for the routes are different.
for the first route are: adults \$5.00,
children \$2.50, cars \$16.20, the fares for
the third route are: adults \$10.00, children
\$7.00 and cars \$20.00. No fares are listed for
the second route.

Interstate Navigation is a privately owned service operating from June to the early part of September on a daily basis. It serves a total market of over 3000,000 people. Two routes cross Block Island Sound and Narraganset Bay. The third operates in the coastal Atlantic waters. Services are all to Block Island from Port Judith, Providence and New London. Trip times range from 75 minutes to 90 minutes. There are five conventional passenger vessels utilized; two have a capacity of 400 passengers and 13 vehicles, 1,300 passengers, 800 passengers, and 1,300 passengers with 35 vehicles.

##

Mid-Atlantic Region

1. New York City Department of Transportation Bureau of Transit Operation - Staten Island Ferry

UHI-ID# 148

UHI Area: Mid Atlantic

Address:

Battery Maritime Bldg. 3rd Floor
New York, NY 10004

Telephone: (212) 806-6887

Fax (212) 806-6885

Cont:act: Alan Olmsted, Director

Number of Vessels: Six **Number of Routes:** One

Schedules: 24 hours

Fares: Various fare structures

The Department of Transportation of the City of New York operates the Staten Island Ferry between lower Manhattan at The Battery, and Staten Island, crossing the Upper Bay. This service runs all year with vessels leaving approximately every half hour. The company utilizes six conventional passenger vessels with capacities varying: three vessels have a capacity of 3,500 passengers and 30 vehicles, two have a passenger capacity of 6,017, and one has a capacity of 1,288 passengers.

##

2. Chautauqua Lake Historic Vessel Co.

UHI- ID# 101

UHI Area: Mid Atlantic

Address:

15 Water Street, P.O. Box 23
Mayville, NY 14657

Telephone: (716) 664-2843

Contact: Mr. Ken Thomas, President

Number of Vessels: One **Number of Routes:** One

Schedule: 11:00 A.M. - 4:45 P.M.

Fares:

Chautauqua Lake Historic Vessel Co. operates a privately owned ferry on Lake Chautauqua, serving an area with a population of approximately 35,000 people. The ferry operates from Bemus Point, NY to Stow, NY. The company utilizes one self propelled barge with a capacity of 9 vehicles.

##

3. Fishers Island Ferry District

UHI- ID# 6

UHI Area: Mid Atlantic

Address:

P.O. Box H
Fisher Island, N.Y. 06390

Telephone: (516) 788-7463

Contact: Mr. Robert Knauff, Manager

Number of Vessels: Two **Number of Routes:** One

Schedule: Schedule varies by day and by season.

Fares: Summer rates Adults \$4.00, children and senior citizens, \$2.00, car and driver \$14.00
Winter rates adults \$2.25, children and senior citizens \$1.25, car and driver \$6.50.
Other rates available from published tariffs.

Fishers Island Ferry District is a public ferry serving a population of approximately 3,000, operating year round on a daily basis. Trip times will differ during the winter and on holidays. It is best to check with the organization for off season times. The ferry operates from Fishers Island, New York to New London, CT. crossing Long Island Sound. The system utilizes two vessels with a capacity of 242 passengers and 34 vehicles and 210 passengers and 24 vehicles.

##

4. Bridgeport - Port Jefferson Ferry

UHI- ID# 27

UHI Area: Mid Atlantic

Address:

102 West Broadway
Port Jefferson, NY 11777

Telephone: (516) 473-0286

Fax: (516) 473-0920

Contact: Frederick A. Hall, Vice President

Number of Vessels: Two **Number of Routes:** One

Schedules: 6:00 A.M.- 9:00 P.M., service runs later on Friday's, Saturday's, Sunday's and Monday holidays.

Fares: Various rates depending upon status.
Examples Foot passengers Adults - \$10.00.
Passenger auto - \$31,00

Bridgeport-Port Jefferson ferry is a privately operated ferry providing service on a daily basis, serving an area with a population of approximately 1,300,000. The peak hours are between 8:00 A.M. and 8:00 P.M.. Trip is 70 minutes. The ferry operates on Long Island Sound connecting Port Jefferson, Long Island, NY, with Bridgeport, CT. This company has two vessels each with a capacity of 1000 during the summer and 500 during the winter.

##

5. Sayville Ferry Service, Inc. (Five Routes)

UHI- ID# 16

UHI Area: Mid Atlantic

Address:

41 River Road
P.O. Box 626, River Rd.
Sayville, NY 11782

Telephone: (516) 589-0810

Fax: (516) 589-0843

Contact: Kenneth Stein, Jr., President

Number of Vessels: Seven **Number of Routes:** Five

Schedules: Seasonal, for up to date schedules, please call.
Cherry Grove and Fire Island Pines 7:00 A.M.
to Midnight in season. Sailors Haven -
Sunken Forest 9:30 A.M. to 6:00 P.M.
- 4:00 P.M. Water Island - Mondays one round trip;
, Fridays three round trips,, Saturdays two round trips; and Sundays four
round trips.

Fares: Cherry Grove and Fire Island Pines \$10.00,
children \$5.00 round trip. Sailors Haven -
Sunken Forest adults \$8.00 round trip. Water
Island - \$8.00 adults, \$4.00 child.

Sayville Ferry is privately owned and operates five separate routes from Sayville to Fire Island. Year round service is provided, however, service changes between September and October and again from October to March and March to May. The route from Sayville to Cherry Grove, Fire Island operates all year. The route from Sayville to Fire Island Pines operates all year, from December to March the ferry operates on weekends only. From Sayville to Sailors Haven (Sunken Forest) service operates from May to October. Service is provided to Water Island year round. All of the routes operate on Great South Bay and the Browns River. The average trip time is twenty one minutes. The company has seven conventional passenger vessels with a capacity of 150, 344, 88, 105, and 180.

##

6. Fire Island Ferries, Inc. (Eight Routes)

UHI- ID# 24 UHI Area: Mid Atlantic

Address:

99 Maple Ave., P.O. Box P-311
Bay Shore, NY 11706

Telephone: (516) 665-5306

Contact: Edwin Mooney, President

Number of Vessels: Thirteen **Number of Routes:** Eight

Schedules: 5:50 A.M.- 11:00 P.M.

Fares: Adults \$5.50, one way, \$10.50 round trip,
children under 12 \$2.75 one way \$5.00 round trip.

Fire Island Ferries is a private ferry service that operates from March to December, on a daily basis, serving a population of approximately 15,000. All routes cross Great South Bay, NY, however, destinations differ. The destinations are as follows: Bay Shore to Dunewood, Fair Harbor, to Kismet, Ocean Bay Park to Seaview, Ocean Beach, and Saltaire to Fire Island, Trip times for all of the routes are approximately thirty minutes. There are thirteen vessels that have a range of capacities from 150 - 399 passengers.

##

7. Vicking Ferry Service

UHI- ID# 98 UHI Area: Mid Atlantic

Address:

P.O. Box 730
Montauk, NY 11954

Telephone: (516) 668-5709

Fax: (516) 668-5788

Contact: Captain Paul G. Forsberg, Owner

Number of Vessels: One **Number of Routes:** One

Schedule: 6:00 A.M. - 6:00 P.M.

Fares: Adults \$13.00 (same day round trip \$20.00)
children \$7.00 (same day round trip \$13.00)

Vicking Ferry Service is a privately owned ferry that supports a market area of approximately 32,000 people. Operating from May to October, the ferry's route on Block Island Sound is between Montauk , LI, NY; New London/Groton, Connecticut and Block Island, RI. Trip time is one hour and thirty minutes. The company utilizes one conventional passenger vessel with a capacity of 300 passengers.

##

8. North Ferry Company, Inc.

UHI- ID# 100

UHI Area: Mid Atlantic

Address:

P.O. Box 589
Shelter Island Height, NY 11965

Telephone: (516) 749-0139

Fax: (516) 749-4158

Contact: I. Bernard Jacobson, General Manager

Number of Vessels: Four **Number of Routes:** One

Schedules: 5:40 A.M. - 12:00 P.M.

Fares: Passengers \$1.00, car and driver \$6.50

North Ferry Company is a privately owned ferry operating all year on a daily basis, serving a private community with a population of approximately 12,000. The ferry crosses Peconic Bay, Shelter Island to Greenport. Trip time is 10 minutes. The company utilizes four vessels with a capacity of 12 vehicles each.

##

9. South Ferry, Inc.

UHI- ID# 92

UHI Area: Mid Atlantic

Address:

P.O. Box 2024
Shelter Island, New York, NY 11964

Telephone: (516) 749-1200

Fax: (516) 749-1201

Contact: Cliff Clark, Vice President

Number of Vessels: Three **Number of Routes:** One

Schedule: 6:00 A.M. - 11:45 P.M.

Fares: Passengers \$1.00, car and driver \$6.50 (round trip).

South Ferry is a privately owned ferry crossing Shelter Island Sound serving an area with a total population of approximately 1,200,000. The ferry provides service from North Haven, NY to Shelter Island, New York. Trip time is approximately 3 minutes. The company utilizes three self propelled barges with capacities of 97 passengers, and 17 vehicles, 97 passengers and 13 vehicles, and 97 passengers and 11 vehicles.

##

10. Circle Line Statue of Liberty Ferry (Two Routes)

UHI-ID# 265

UHI Area: Mid Atlantic

Address:

17 Battery Place
Suite 17
New York, NY 10004

Telephone: (212) 269-5755

Fax: (212) 425-2215

Contact: Robert Packer, Controller
Hal Clancy

Number of Vessels: Seven **Number of Routes:** Two

Schedule: October through April 9:15 A.M. - 3:30 P.M.
May through September 9:30 A.M. - 4:30 P.M.
Boat leaves every half hour.

Fares: Adults \$6.00, children \$3.00 round trip

This public ferry operates on the Hudson River, operating between Battery Park, The Statute of Liberty and Ellis Island returning to Battery Park. This service also leaves from Liberty State Park in Jersey City, NJ operating between the Statute of Liberty and Ellis Island. The trip takes 15 minutes. The company utilizes 7 passenger vehicles with capacities of 1,000, 800, and 200.

11. Harbor Shuttle, Inc./Delta Water Shuttle

UHI ID #:

UHI Area: Mid Atlantic

Address:

P.O. Box 342
Monmouth Beach, NJ 07750

Telephone: (908) 222-2667 or 1-800-54-FERRY

Fax: (908) 222-2118

Contact: Stanis Bobowicz, Owner

Number of Vessels: Two **Number of Routes:** One

Schedules: Five days per week from 7:45AM to 6:45PM

Fares: One way - \$20.00; Round trip \$30.00

Harbor Shuttle, Inc. is a privately owned ferry providing service between New York's LaGuardia Airport and two stops in Manhattan. The ferry provides service between the airport and Pier 11 in lower Manhattan via 34th Street Manhattan. Trip time is 45 minutes. to Pier 11, 30 minutes to 34th St. The company utilizes two vessels with 149 passenger capacity each.

##

12. NY Waterways - (Formerly Arcorp / Port Imperial Ferries) (Six Routes)

UHI- ID# 60

UHI Area: Mid Atlantic

Address:

Pershing Road
Weehawken, NJ 07087

Telephone: (201) 902-8700

Fax: (210) 348-9384

Contact: Russel Bostock

Number of Vessels: Twelve **Number of Routes:** Six

Schedule: Midtown Ferry - 6:45 A.M. - midnight, every fifteen minutes. Lincoln Harbor Ferry, 7:00 A.M. - 10:00 P.M, every fifteen minutes. Downtown Ferry - during rush hour, Hoboken Ferry 6:30 A.M. - 11:00 P.M. - every five minutes during peak and every 20 minutes off peak. Colgate Ferry 6:45 A.M. - 11:00 P.M. every fifteen minutes. Queens/Midtown Ferry every fifteen minutes during rush hour.

Fares: Midtown Ferry \$4.50, Lincoln Harbor Ferry \$4.50, Downtown Ferry \$5.00, Hoboken Ferry \$2.00, Colgate Ferry \$2.00, Queens/Midtown Ferry \$4.00.

New York Waterways is a privately owned ferry, serving an area with a total population of 16 m. The New York/New Jersey commuter market, is an area with approximately 3,000,000 daily travelers. Operating trans-Hudson River services between New Jersey and New York City, the ferry provides daily service from Weehawken, New Jersey to 38th St, and 12th Ave, Manhattan, Lincoln Harbor in Weehawken, New Jersey to 38th St, and 12th Avenue, Manhattan, Weehawken, New Jersey to Slip 5 in Lower Manhattan, Colgate Pier in Jersey City, New Jersey to the World Financial Center, Manhattan and from Hunters Point in Queens, New York, to East 34th St., Manhattan. The company utilizes 12 vessels with capacities ranging from 149 to 397 passengers.

##

NEW JERSEY

1. Express Navigation, Inc. (Two Routes)

<u>UHI- ID#</u>	13	<u>UHI Area:</u>	Mid Atlantic
Address:	Two First Avenue Atlantic Highlands, NJ 07716		
Telephone:	(908) 872-2628		
Contact:	Mark J. Stanisci, President		
Number of Vessels:	Two	Number of Routes:	Two
Schedules:	Hours for the first route are: 6:15 A.M. - 6:30 P.M., the hours for the second route are: 7:35 A.M. -6:30 P.M.		
Fares:	First route \$12.00, second route \$5.00		

Express Navigation, Inc. is a privately owned ferry serving an area with a market of approximately 260,000 people. The ferry provides service on two routes: the first from the Shrewsbury River, to Sandy Hook Bay and on to the New York Harbor from Highlands, New Jersey to Lower Manhattan. The second route from 69th Street, Brooklyn New York crosses the New York Harbor to lower Manhattan. Trip time for the first route is 45 minutes, for the second, 12 minutes. The company utilizes two Catamarans each with average capacity of 280 passengers.

##

2. Riverbus Inc.

UHI ID #

UHI Area: Mid Atlantic

Address: Corporate:
400 W. Romana
Pensacola, FL 32501

Site:
10 South Delaware River
Camden, NJ 08013

Telephone: (609) 365-1400

Telephone: (904) 434-7345

Fax: (904)433-5366

Contact: Ed Von Bergin

Number of Vessels: Two **Number of Routes:** One

Schedule: Camden departures on the hour every half hour
Penn's Landing on the quarter hour every half hour.

Memorial Day to Labor Day:

Monday to Thursday 8:00AM to 5:45PM

Friday - 8:00AM to 8:45AM

Saturday - 9:00AM to 11:45PM

Sunday - 9:00AM to 8:45PM

Labor Day to Memorial Day

Weekdays 8:00AM to 5:45PM

Saturday 9:00AM to 5:45PM

Sunday 9:00AM to 8:45PM

(Easter through Labor Day)

Sunday 9:00AM to 5:45PM

(All other times)

Fares: Adult \$4.00

Children \$3.00

Sr Citizens \$3.00

Pre-arranged Groups-\$2.00

Riverbus ferry service is a privately operated service connecting the Philadelphia waterfront with the Camden Aquarium, Camden, New Jersey. Trip time 12 minutes. The ferry operates on the Delaware River utilizing two passenger vessels with a capacity

##

Delaware

1. Delaware Department of Transportation

UHI- ID# 112 UHI Area: MidAtlantic

Address:

Georgetown Administration Center
Box 778
Dover, DE 19902

Telephone: (302) 856-5203

Contact: Mr. Jessie Millman, Supervisor

Number of Vessels: One **Number of Routes:** One

Schedule: 6:00 A.M. - 6:00 P.M.

Fare: Free

Delaware Department of Transportation provides a public ferry system that operates all year, providing service between Laurel and Woodland, DE on the Naticoke River. The trip time is two minutes. The organization operates with a vessel with a capacity of 41 passengers and 3 vehicles.

##

2. Delaware River and Bay Authority/Cape May -Lewes Ferry

UHI- ID# 26 UHI Area: MidAtlantic

Address:

P.O. Box 827
Cape May, NJ 08204

Telephone: (609) 886-9699, 1-800-64-Ferry

Fax: (609) 886-1021

Contact: David S. Chapman, General Manager

Number of Vessels: Five **Number of Routes:** One

Schedule: 7:30 A.M. - 7:00 P.M.

Fare: Adults \$4.50, children \$2.00,
cars \$18.00 one way.

Cape May Lewes Ferry is a public ferry system operating daily during the summer season, with vessels leaving every hour. The ferry operates on a reduced schedule during late April to mid June and late September into late November. Service is further curtailed from December to April. The system services a market estimated to be close to 11 million people. Trip time is 70 minutes, crossing the Delaware Bay from Lewes, DE to Cape May, NJ. There are five vessels, each with a capacity of 800 passengers and 100 vehicles.

##

3. DELAFORT

UHI-ID# 260

UHI Area: MidAtlantic

Address:

Delaware State Park
P.O. Box 17
Delaware City, DE 19706

Telephone: (302) 652-4088

Fax:

Contact: Bill Seysert, Park Superintendent

Number of Vessels: One **Number of Routes:** One

Schedule: 10:00 A.M. - 6:00 P.M. April to September

Fares: \$3.00

Delafort Ferry is a public ferry, managed by the State Parks Departments. The service operates daily from April to September. The ferry is closed from October to March. The ferry operates on the Delaware River, providing service between Delaware City and Pea Patch Island.

##

Pennsylvania

1. Millersburg Ferry

UHI-ID# 30

UHI Area: MidAtlantic

Address:

P.O. Box 93
Millersburg, PA 17061

Telephone: (717) 692-2442

Contact: Mr. Jack N. Dillman, Senior Captain

Number of Vessels: Two **Number of Routes:** One

Schedule: 7:00 A.M. to dusk daily on demand, weather permitting.

Fares: Adults, children, students, disabled and senior citizens \$1.00, car and driver \$4.00, cars \$4.00

Millersburg Ferry is a privately owned ferry operating all year, providing the river is not frozen, serving an area with a population of approximately 2,700 people. The ferry operates on the Susquehanna River between Millersburg and Crow's Landing near Liverpool. Trip time is ten to twenty minutes. The company has two self propelled barges, each with a capacity of 28 passengers and 4 vehicles.

##

2. Fayette County Commissioner's Office

UHI- ID# 96

UHI Area: Mid-Atlantic

Address:

Court House; 61 East Main Street
Uniontown, PA 15401

Telephone:: (412) 430-1200

Fax (412) 430-1265

Contact: Joseph P. Korona, Jr.
Chief Clerk

Number of Vessels: One **Number of Routes:** One

Schedules: 6:30 - 10:00

Fares: Adults, children, and students \$.10, cars, cars and drivers \$.75.

Fayette County operates a public ferry operates daily, providing service to an area with a population of approximately 10,000. The ferry crosses the Monongahela River, connecting Fredericktown, PA with Fayette County on the East side. Trip time is 4 minutes. There is one self propelled barge with a capacity of 29 passengers and six vehicles.

##

3. **Gateway Clipper Fleet**

UHI-ID# 251

UHI Area: Midwest

Address:

9 Station Square Dock
Pittsburgh, PA 15219-1125

Telephone: (412) 355-7980

Fax: (412) 355-7987

Contact: Mr. Zack Dalesandro, General Manager

Number of Vessels: Three **Number of Routes:** One

Schedules: 1st route - 11:00 A.M.

Fares: Fares for the first route are: - adults,
children, students, senior citizens, disabled
\$1.25.

Gateway Clipper fleet is a privately owned ferry which operates on two rivers, the Allegheny River and the Monongahela River, serving an area with a population of approximately 425,000 people shuttling customers to Three Rivers Stadium from Pittsburgh. The trip takes fifteen minutes.. The company utilizes three vessels with capacities of 400,250,150..

##

MARYLAND:

1. Tangier Island Cruises

UHI- ID# 196 UHI Area: Mid-Atlantic
Address:
110 West Main Street
Crisfield, MD 21817
Telephone: (410) 968-2338
Fax: (410) 968-3571
Contact: Wallace or Steve Thomas, Owner
Number of Vessels: Three Number of Routes: One
Schedules: 10:00 A.M. - 1:30 P.M.
Fares: Adults \$16.00, children \$8.00 (round trip)

Tangier Island Cruises operates from Memorial Day to October, serving an area with a population of approximately 2,000. The ferry operates on the Chesapeake Bay between Crisfield, MD and Tangier, VA. Trip time is one hour and fifteen minutes. The company has conventional passenger vessels with capacities 300, 150, and 31 passengers and 6 vehicles

##

2. Tyler's Smith Island Cruises

UHI- ID# 106 UHI Area: Mid-Atlantic
Address:
20915 Somers Rd.
Ewell, MD 21824
Telephone: (410) 968-3206, 1-800-361-0107
Contact: Captain Otis Ray Tyler, Owner
Number of Vessels: Two Number of Routes: One
Schedules: Departs Crisfield MD 12:30 P.M. and 5:00 P.M.
Departs Smith Island MD 7:30 A.M and 4:00 P.M.
Fares: \$10.00

Tyler's Smith Island Cruises, is a privately owned ferry that operates all year. The service crosses the Chesapeake Bay and Tangier Sound, between Crisfield, MD and Smith Island, MD. Trip time is 40 minutes. The company utilizes two vessels with capacities of 92, and 49 passengers.

##

3. Wicomico County Roads Division (Two Routes)

UHI- ID# 111 UHI Area: Mid-Atlantic

Address:

Owens Branch Rd., Box 1897
Salisbury, MD 21801-1897

Telephone: (410) 548-4872

Fax: (410) 548-4877

Contact: Kirk Banks
Roads Engineer

Number of Vessels: Two **Number of Routes:** Two

Schedule: 7:00 A.M. - 6:00 P.M. on demand

Fares: Free

Wicomico County operates this public ferry year round, weather permitting, crossing the Wicomico River. The system serves an area with a population of approximately 75,000 people. The first route operates between Allen, MD and SR#349. The second route operates between Whitehaven, MD and Widgeon, MD. Trip times are three and five minutes respectively. The system utilizes two vessels each with a capacity of 6 passengers and 2 to 3 cars.

##

4. Jason Freight and Passenger Service

UHI- ID# 110 UHI Area: Mid Atlantic

Address:

21162 Tuff St.
P.O. Box 205
Tylerton, MD 21866

Telephone: (410) 425-4471

Contact: Larry Laird & Terry Laird, Owners

Number of Vessels: Two **Number of Routes:** One

Schedules: 12:30PM- 5:00PM

Fares: \$10.00 (round trip)

Jason Freight and Passenger Service is a privately owned ferry operating all year on a daily basis, serving an area with a population of approximately 3,000. The ferry crosses the Chesapeake Bay and Tangier Sound operating between Crisfield, MD and Ewell, MD. Trip time is forty minutes. The company utilizes two vessels providing freight and passenger capability with capacities of 36 and 40 passengers.

##

5. Oxford Bellevue Ferry, Inc.

UHI- ID# 133 **UHI Area:** Mid-Atlantic

Address:

P.O. Box 61
7001 Thorneton Rd., Box 61
Royal Oak, MD 21662

Telephone: (410) 745-9023

Contact: David Bittner, Owner

Number of Vessels: One **Number of Routes:** One

Schedules: There are two seasonal schedules one is June through August weekdays 7:00 A.M - 9:00 P.M., weekends 9:00 A.M. - 9:00 P.M.. March, April, May, September, October, November, and December weekdays 7:00 A.M. - Sunset, weekends 9:00 A.M. - Sunset. Closed Mid December - February.

Fares: Car and driver \$4.50, one way \$7.00 round trip, car passengers .50 bikes \$1.50, walk on passengers .75 one way.

Oxford Bellevue Ferry is a privately owned ferry operating on a seasonal basis serving a population of approximately 1,500. . The service is closed from mid December through February. The ferry crosses the Trep Avon River between Oxford, MD and Bellevue. Trip time is 10 minutes. The company utilizes one vessel with a capacity of 9 vehicles.

##

6. White's Ferry

UHI- ID# 190 **UHI Area:** Mid-Atlantic

Address:

24801 White's Ferry Rd.
Dickerson, MD 20842

Telephone: (301) 349-5200

Contact: Malcolm Brown

Number of Vessels: One **Number of Routes:** One

Schedules: 6:00 A.M. - 11:00 P.M.

Fares: Adults \$.50, cars \$2.50 (one way), cars \$4.50 (round trip).

White's Ferry is a private service that operates all year, serving an area with a population of approximately 8,000. The ferry operates a single route on the Potomac River between Whites Ferry, MD and Leesburg, VA. Trip time is three minutes. The company utilizes one non self propelled barge with a capacity of 16 vehicles.

##

7. Smith Island Cruises

UHI- ID# 107

UHI Area: MidAtlantic

Address:

P.O. Box 41

Rhodes Point, MD 21824

Telephone: (410) 425-2771

Contact: Betty Jo Tyler, Manager

Number of Vessels: One **Number of Routes:** One

Schedule: 12:30 P.M. - 4:00 P.M.

Fares: Adults \$13.00, children 6-12 \$6.50 (round trip)

Smith Island Cruises is a privately owned ferry operating from May to October. The ferry operates on Tangier Sound, between Chrisfield and Ewell. Trip time is one hour and ten minutes. The company utilizes one vessel with a capacity of 150 passengers.

##

WEST VIRGINIA

1. Sistersville Ferry

UHI-ID# 87

UHI Area: MidAtlantic

Address:

200 Diamond Street
Sistersville, WV 26175

Telephone: (304) 795-6361

Contact: Mr. John Eckels, Chairman of Ferry Board

Number of Vessels: One **Number of Routes:** One

Schedule: 7:00 A.M. - 6:00 P.M.

Fares: Cars \$1.50

Sistersville Ferry is a public ferry operates all year, on a signal basis, serving a population of approximately 28,000 people. The ferry travels on the Ohio River from Sistersville, WV and Fly, OH. The trip takes five minutes. The company utilizes one conventional passenger boat with a capacity of 4 vehicles.

##

2. Blennerhassett Island Ferry

UHI ID#

UHI Area: MidAtlantic

Address:

Ruble's Sternwheelers
#4 Fourth Street
Belpre, OH 45714

Telephone: (614) 423-7268

Contact: Ms Chris Ruble

Number of Vessels Three **Number of Routes:** One

Schedule: Seasonal - May to the end of October. 10AM to 5:30PM daily.

Fares: Adults - \$2.50; Child - \$1.50

Blennerhassett Island Ferry is a privately operated ferry contracted to serve a state park. The ferry operates on the Ohio River from Parkersburg to Blennerhassett Island Historical Park between may and November. The company utilizes three vessels with 150 passenger capacity on two and 70 on the third.

##

South Atlantic Region

VIRGINIA

1. Island and Bay Cruises, Inc.

UHI- ID# 48

UHI Area: South Atlantic

Address:

RT. 1, P.O. Box 289-R
Reedville, VA 22539

Telephone: (804) 453-3430

Contact: Gordon Evans, Captain

Number of Vessels: One **Number of Routes:** One

Schedules: 10:00 A.M. - 2:15 P.M.

Fares:

Island and Bay Cruises is a privately owned ferry operating on the Chesapeake Bay, from Smith Point VA to Smith Island, MD. Trip time is one hour and thirty minutes. The company utilizes one vessel.

##

2. Tidewater Regional Transit

UHI- ID# 7

UHI Area: South Atlantic

Address:

1500 Monticello Ave.
Norfolk, VA 23501

Vessels Managed by:

Norfolk By Boat, Inc.
1034 Naval Avenue
Portsmouth, VA 23704

Telephone: (804) 640-6200

*(804) 393-4735

Fax: (804) 640-6304

Contact: *David Jordan; Tom Griczewicz

Number of Vessels: Three **Number of Routes:** One

Schedules: Weekdays - every 30 minutes, 7AM to 11PM

Weekends - every 30 minutes, 9AM to

Midnight

During baseball season - before and after game

Fares: One way - Adults - \$.75; Children - \$.50;
disabled \$.35

Tidewater Regional Transit operates a public ferry service in an area with a population of approximately 1.5 m people. The ferry operates on the Elizabeth River between Norfolk, VA and Portsmouth, VA daily and for special service provided during the baseball season from Portsmouth to Harbor Park. The system operates three vessels each with a capacity of 150 passengers and is managed by Norfolk By Boat a private ferry contractor.

##

3. Tangier Ferry Company (Two Routes)

UHI- ID# 142 UHI Area: MidAtlantic
Address:
16458 W. ridge Road
P.O. Box 27
Tangier Island, VA 23440
Telephone: (804) 891-2240
Contact: Rudy Thomas
Number of Vessels: Two Number of Routes: Two
Schedule: 10:00 A.M. - 1:30 P.M. Monday through
Saturday
Fares: Adults- Round trip \$17.50, children 6-
12 years of age travel for half price, while
children under 6 travel for free, bicycles
\$1.00.

Tangier Ferry Company is a privately owned ferry operating two services; one from June to September the other, year round as a local service for mail and residents. The first service operates between Onancock and Tangier. Trip time is one hour and thirty minutes. The company utilizes one vessel with a capacity of 100 passengers. The second operates between Tangier Island and Chrisfield, MD.

##

4. VA Dept. of Trans. Charlottesville Residency/Hatton Ferry

UHI- ID# 68 UHI Area: South Atlantic
Address:
P.O. Box 2013
Charlottesville, VA 22902
Telephone: (804) 293-0011
Fax: (804) 979-3759
Contact: Daniel Roosevelt, Resident Engineer
Number of Vessels: One Number of Routes: One
Schedules: Mid April to Mid October, Friday, Saturday,
and Sunday 9:00AM - 5:00PM
Fares: Free

Charlottesville Residency/Hatton Ferry is operated by the Virginia DOT as a public ferry from Mid April to Mid October, providing service to an area with a population of approximately 20,000. The trip time is ten minutes. The vessel crosses the James River between RT 625 Hatton, in Albemarle County and RT 625 Scottsville, VA in Buckingham County. The system utilizes one self propelled barge with a capacity of 12 passengers and two vehicles.

##

**5. Virginia Department of Transportation / Warsaw Residency
(Two Routes)**

UHI ID# 205

UHI Region: South Atlantic

Address:

P.O. Box 38
Warsaw, VA 22572

Telephone: (804) 333-3696

Fax (804) 333-4645

Contact: J.F. Staton, Resident Engineer

Number of Vessels: Two **Number of Routes:** Two

Schedule: 7:00 A.M. - 7:00 P.M.

Fares: Free

Warsaw Residency ferry is a Virginia DOT public ferry operating in the Warsaw, VA area and the W.B.R. Corrotman River. The first route links the North and South sides of Rte 644 across the Little Wicomico River. The second route crosses the W.B.R. Corrotman River from the East side of Rte 604 to the West side. Trip times are approximately seven minutes each. The system utilizes two self propelled barges with a vessel capacity of 12 passengers and 2 vehicles.

##

**6. Jamestown - Scotland Ferry(Virginia Dept. of
Transportation)**

UHI- ID# 10

UHI Region: South Atlantic

Address:

Route 31 North; P.O. Box 26
Surry, VA 23883

Telephone: (804) 294-3354

Fax: (804) 294-0241

Contact: Captain R.F. Shaffer, Operations Manager

Number of Vessels: Three **Number of Routes:** One

Schedule: Leaves Scotland Wharf from 1:00 A.M. to 12:00
Midnight. Leaves Jamestown from 1:30 A.M. to

Fare: Auto's \$4.00, passengers or bicycle .25, book of

Jamestown - Scotland Ferry operated by Virginia Department of Transportation is a public ferry operating on a single route, crossing from the south side of the James River, Surry County to James City County on the north side of the river. The ferry serves an area with a population of approximately 29,000 people. Trip time is approximately 20 minutes. The system utilizes three vessels with capacities of 55, 55, and 20, vehicles.

##

NORTH CAROLINA

1. North Carolina Department of Transportation/Ferry Division (Seven Routes)

UHI- ID# 79 UHI Area: South Atlantic

Address:

RM. 120 Maritime Bldg.
113 Arendall St.
Morehead City, NC 28557

Telephone: (919) 726-6446

Fax: (919) 726-2903

Contact: Jesse Vinson, Business Officer

Number of Vessels: 22 **Number of Routes:** Seven

Schedules: The hours for the seven routes are: first route; 5:00 - 12:00 P.M., second route; 7:00 - 8:30, third route; 5:45 - 1:15, fourth route; 8:00 - 6:50, fifth route; 5:30 - 12:30, sixth route; 6:00 - 6:30, and the seventh route 6:30 - 4:00.

Fares: All routes except route two are free, fares for route two are: car and driver \$10.00, adults \$1.00 (one way)

North Carolina DOT operates public ferry services daily, on seven routes serving populations from 300 - 15,000. The seven routes are in different areas, on different bodies of water. The first route is in Hatteras Inlet, the second in Pamlico Sound, the third on the Neuse River, the fourth on the Cape Fear River, the fifth on Pamlico Sound, the sixth on Currituck Sound, and the seventh on Pamlico Sound. The Ferry Division has 22 conventional passenger vessels with varying capacities. Three vessels have a capacity of 150 passengers and 24 vehicles, five boats have a capacity of 150 passengers and 30 vehicles, two have a capacity of 300 passengers and 50 vehicles, six have a capacity of 150 passengers and 22 vehicles, two have capacities of 150 passengers and 20 vehicles, single vessels with the following capacities; 225 passengers and 34 vehicles, 300 passengers and 35 vehicles, 194 passengers and 20 vehicles, and 200 passengers and 30 vehicles.

##

**2. North Carolina Dept. Of Trans. Div. of Hwys/Division 1
Parker Ferry & San Souci Ferry (Two Routes)**

UHI- ID# 62 **UHI Area:** South Atlantic

Address:

P.O. Box 748
Ahoskie, NC 27910

Telephone: (919) 332-4012

Contact: C.O. White, Division Engineer
Ronnie Smith, District Engineer

Number of Vessels: Two **Number of Routes:** Two

Schedules: Hours for both routes are: 6:30AM - 5:30PM

Fares: Free

Parker Ferry and San Souci Ferry are public ferry systems and part of the North Carolina Department of Highways. They operate on routes in two areas with populations of approximately 3,000 to 5,000 people. The state system operates one ferry each on the Meherrin and the Cashie Rivers. The first route, the Parker Ferry, operates from Route 1306 to Route 1175. The second route, the San Souci Ferry, operates from North- side SR 1500 to Southside SR 1500. Trip times are approximately two to three minutes each. The system utilizes two vessels, each with capacities of 12 passengers and 2 vehicles.

##

**3. North Carolina Dept. of Trans./Division of HWYS/Division 6
Elwell-Carver's Creek Ferry**

UHI- ID# 248 **UHI Area:** South Atlantic

Address:

P.O. Box 1150
Fayetteville, NC 28302

Telephone: (910) 486-1493

Fax: (910) 486-1959

Contact: W.F. Rosser, Division Engineer

Number of Vessels: One **Number of Routes:** One

Schedules: 6:00AM - 6:00PM Summer hours, Sunrise to
Sunset , Winter hours.

Fares: Free

Elwell-Carver's Creek Ferry is a public ferry operating daily, serving a population of approximately 30,000. The ferry operates across the Cape Fear River from Elwell on the East side to Carver's Creek on the West side. Trip time is approximately one minute. There is one self propelled barge with a capacity of 14 passengers and two vehicles.

##

4. BALD HEAD ISLAND

UHI- ID#

UHI Area: South Atlantic

Address:

P.O. Drawer 3069
Southport, NC 28461

Telephone: (910) 457-5003

Fax: (910) 457-9232

Contact: Hill Goodman, Transportation - Manager

Number of Vessels: Four **Number of Routes:** One

Schedules: 7:00 AM to 9:00PM Daily

Fares: Property Owner - \$12.50 round trip if they buy 40
ticket books for \$ 500.00; Adult visitors \$15.00 round
trip

Bald Head Island Ferry is a privately operated service crossing the Cape Fear River between Southport, NC and Bald Head Island, NC. The ferry serves a development area with a population of approximately 70 residences. Trip time is 20 minutes. The organization utilizes three passenger vessels with capacities of 149, 105, and 45, they also have one deck barge that is pushed by a tug boat.

##

SOUTH CAROLINA

1. Broad Creek Marina Ferry

UHI- ID# 58

UHI Area: South Atlantic

Address:

P.O. Box 1584

Hilton Head, SC 21564

Telephone: (803) 681-7335

Contact: William Scurry, Owner

Number of Vessels: One **Number of Routes:** One

Schedules: 7:00 - 1:30

Fares: Adults \$15.00 (one way)

Broad Creek Marina ferry is privately owned, operating year round on a daily basis. The ferry serves an area with a population of approximately 11,000. This ferry operates over interacoastal waters between Broad Creek Marina and Daufuskie Island. Trip time is one hour. The company utilizes one vessel with a capacity of 42 passengers.

##

2. South Carolina Department of HWYS and Public Transportation

UHI- ID# 40

UHI Area: South Atlantic

Address:

P.O. Box 593

Georgetown, SC 29442

Telephone: (803) 546-2405

Fax: (803) 546-2406

Contact: Richard A. Pope,
Resident Maintenance Engineer

Number of Vessels: One **Number of Routes:** One

Schedules: 7:00 - 11:00

Fares: Free

South Carolina Department of Highways operates a public ferry daily on either signal or demand basis. Trip time is two minutes. The ferry crosses the Intercoastal Water Way, between SR 18 Georgetown and South Island. Trip time is approximately one minute. The service consists of one self propelled barge with a capacity of six passengers and two vehicles.

##

3. Haig Point Ferry Company

UHI- ID# 3

UHI Area: South Atlantic

Address:

P.O. Drawer 1228
Beaufort, SC 29901

or

Haig Point Ferry Company
P.O. Box 7319
Hilton Head Island, SC 29938

Telephone: (803) 686-2000 X 323

Contact: Captain Richard Ingus

Number of Vessels: four Number of Routes: One

Schedule: 6:20 A.M. - 5:00 P.M.

Fares: Free

Beaufort County Council ferry is a public service operated by a private contractor. The ferry operates on the Intercoastal Waterway, serving an area with a population of approximately 11,300. The ferry operates from Hilton Head (Jenkins Island Dock) to Daufuskie Island with an interim stop at Jack Rowe. Trip time is 45 minutes. The contractor utilizes one vessel with a capacity of 35 passengers.

##

GEORGIA

1 Department of Natural Resources

UHI-ID#

UHI Area: South Atlantic

Address:

P.O. Box 15
Sapelo Island, Georgia 31327

Telephone: (912) 485-2251

Fax: (912) 485-2141

Contact: Greg Balkom, Island Manager

Number of Vessels: One Number of Routes: One

Schedule: 7:00 A.M. - 5:00 P.M.

Fares: Public tours \$10.00 round trip, people visiting

Department of Natural Resources is a public ferry that operates on a daily basis, on Doughboy Sound. The service completes three round trips a day. The ferry operates between Meridian, Georgia and Sapelo Island, Georgia, serving a populaton of approximately 100 people.. The trip takes 30 minutes. The company utilizes one boat with a vessel capacity of 145 passengers.

##

Florida

1. Drayton Island Ferry

UHI- ID# 90 UHI Area: South Atlantic
Address:
P.O. Box 758
Palatka, FL 32178-0758
*Box 5
Georgetown, FL 32139-0005
Telephone: (904) 329-0346
Fax: (904) 329-1216
*(904) 467-2194
Contact: Harry Lampe, Public Works
*Eddie Babbit, owner
Number of Vessels: One Number of Routes: One
Schedules: 7:30 A.M. - 5:00 P.M.
Fares: Car and driver \$10.00(round trip)

Drayton Island Ferry is a public ferry controlled by the Putnam County Board of County Commissioners. The service, contracted to a private vessel operator, crosses the St. Johns River, from Georgetown, FL to Drayton Island, FL operating year round on a daily basis. The ferry serves an area with a population of approximately 1,500. The contractor utilizes one vessel with a capacity of six passengers and four vehicles.

##

2. Hontoon Island Ferry

UHI-ID# UHI Area: South Atlantic
Address:
2309 River Ridge Rd.
Deland, FL 32720
Telephone: (904) 736-5309
Fax:
Contact: Keith White
Number of Vessels: One Number of Routes: One
Schedule: 8:00 A.M. until one hour before sundown
Fares: Free

Hontoon Island State Park ferry is a public ferry operated by the State Park Service. The ferry operates on the St. John's River ferrying passengers between Deland and Hontoon Island. The trip time is approximately five minutes. This service utilizes one vessel with a capacity of 15 passengers.

##

3. Florida Dept. of Transportation. - St. John's River Ferry

UHI- ID# 84 UHI Area: South Atlantic
Address:
Blackbeard/Buccaneer
4610 Ocean St.,838 Ellis Road
Mayport, FL 32233
Telephone: (904) 246-6694
Fax: (904) 695-4154
Contact: Sam Esley
Number of Vessels: Two Number of Routes: One
Schedules: 6:00AM - 10:30PM
Fares: Passengers \$.50, vehicles \$2.50 - \$3.50

St John's Ferry is a public service operating all year on a daily basis, with vessels leaving every half hour. Trip time is four to six minutes. The ferry crosses the St. John's River between Mayport, FL and Fort George Island, FL. The service utilizes two vessels with capacities of 294 passengers and 35 vehicles and 200 passengers and 50 vehicles.

##

4. Mobile Bay Ferry

UHI- ID# 247 UHI Area: Gulf Coast
Address:
400 West Romana St.
Pensacola, FL 32501
Telephone: (904) 434-7345 - 1-800-634-4027
Fax: (904) 433-5366
Contact: Edward Von Bergen, President
Rose Stevens, Operations Manager
Number of Vessels: One Number of Routes: One
Schedules: Lv Dauphin Island 8:00 A.M. - 6:30 P.M.
Lv Fort Morgan 8:45AM - 7:15PM
Fares: Walk-on passengers \$1.00, cars and trucks
\$12.00, motorhomes & tows \$20.00, Buses
\$30, all one way.

Mobile Bay Ferry is a privately owned ferry operating from February to November, on a daily basis. The ferry serves a population of approximately 3,000 in Alabama. This ferry operates on Mobile Bay between Dauphin Island, AL to Ft. Morgan, AL. Trip time is 30 minutes. The company utilizes one vessel with a capacity of 400 passengers and 40 vehicles.

##

Gulf Coast And Southern Region

Kentucky

1. BB Riverboats, Inc.

UHI-ID# 33

UHI Area: Gulf Coast & Southern

Address:

1 Madison Avenue
Covington, KY 41011

Telephone: (606) 261-8500

Fax: (606) 292-2452

Contact: Mr. Alan Bernstein, General Manager

Number of Vessels: Five **Number of Routes:** One

Schedules: 11:00 A.M. - 6:00 P.M.

Fares: \$.50

BB Riverboats is a privately owned ferry company, open from Memorial Day to Labor Day, providing service only during baseball games in Cincinnati. The service operates on the Ohio River between Covington, KY and Cincinnati. Trip time is 5 minutes. This company has a mix of five vessels and non self propelled barges, with capacities of 389, 600, 150, 260, and 50 passengers.

##

2. Rochester Ferry

UHI-ID# 82

UHI Area: Gulf Coast & Southern

Address:

12249 Rochester Road
Beaver Dam, KY 42320

Telephone: (502) 934-3303

Contact: Ms. Bess Speer and John Speer, Owners

Number of Vessels: One **Number of Routes:** One

Schedule: During the summer months the hours are 5:00 A.M. - 8:00 P.M., in the winter months the hours are 5:00 A.M. - 6:00 P.M.

Fares: Cars \$1.25

Rochester Ferry is a privately owned ferry service operating all year, providing daily service on signal in an area with a population of approximately 500 people. The ferry operates on the Green River between Green River in Rochester and Butler and Ohio Counties. Trip time is six minutes. The system utilizes one non self propelled barge with a capacity of 6 passengers and 6 vehicles.

##

3. Mammoth Cave National Park Service

UHI-ID# 252 UHI Area: Gulf Coast & Southern

Address:

Mammoth Cave, KY 42259

Telephone: (502) 758-2222

Contact: Royce Vincent
Engineering Equipment. Oper. Foreman

Number of Vessels: One **Number of Routes:** One

Schedules: 6:00 A.M. - 10:00 P.M. on demand

Fares: Free

Mammoth Cave Ferry is a public ferry owned by the National Park Service. It provides service to park visitors crossing the Green River. The trip takes five minutes. This service utilizes one self propelled barge with a capacity of three cars.

##

4. Augusta Ferry Lines, Inc.

UHI-ID# 36 UHI Area: Gulf Coast & Southern

Address:

310 Market Street

Maysville, KY 51056

Telephone: (606) 564-7459

Contact: Mr. David Cartmell, Owner

Number of Vessels: One **Number of Routes:** One

Schedules: 9:00 A.M. - 6:00 P.M., on signal

Fares: Car and driver \$4.00

Augusta Ferry Lines is privately owned, operates all year and serves an area with a population of approximately 500,000 people. The vessel operates on the Ohio River from Augusta to Boudes Landing, Ohio, connecting Kentucky and Brown County, Ohio. The company utilizes one non self propelled barge with a capacity of 49 passengers and 8 vehicles.

##

5. Kentucky Department of Highways District 3

UHI-ID# 61 **UHI Area:** Gulf Coast & Southern
Address:
P.O. Box 599
Bowling Green, KY 42102-0599
Telephone: (502) 842-0391
Fax: (502) 843-6443
Contact: Mr. Bill Stamber, Operations Engineer
Number of Vessels: One **Number of Routes:** One
Schedule: 24 hours a day
Fares: Free

District 3 Ferry is a publicly operated ferry serving an area with a population of approximately 6,500 people, year round. The vessel operates on the Cumberland River connecting the East and West portions of SR 214 in Kentucky. The company utilizes one non self propelled barge with a capacity of 20 passengers and 4 vehicles.

##

6. Lexington - Fayette Urban County Government

UHI-ID# 75 **UHI Area:** Gulf Coast & Southern
Address:
200 East Main
Lexington, KY 40507
Telephone: (606) 258-3400
Fax: (606) 258-3406
Contact: Mr. James Street
Commissioner of Public Works
Number of Vessels: One **Number of Routes:** One
Schedule: 6:00 A.M. - 7:00 P.M.
Fares: Adults, senior citizens \$.75, car and driver
\$2.00 (one way) car and driver \$25.00 -
monthly.

Lexington-Fayette Ferry is a public ferry operating on the Kentucky River, serving an area with a population of approximately 32,000 people. The ferry provides service between Jessamine County to Madison County, utilizing one non-self propelled barge with a capacity of 30 passengers and 3 vehicles.

##

7. Anderson's Ferry

UHI-ID# 89

UHI Area: Gulf Coast & Southern

Address:

215 Boone Street
Bromley, KY 41016

Telephone: (606) 485-9210

Contact: Mr. Paul W. Anderson, Owner

Number of Vessels: Two **Number of Routes:** One

Schedules: 6:30 A.M. - 9:30 P.M. on signal

Fares: Car and driver \$1.25, passengers \$.10, pickup
and camper \$1.25 - \$2.00; trailers \$1.50
\$2.50; RV \$2.00 - \$3.00.

Anderson's Ferry is privately owned and provides service all year to an area with a population of approximately 430,000 people. The vessels travel along the Ohio River between Constance and Cincinnati, OH. Trip time is three minutes. The company has two conventional passenger vessels, each with a capacity of eight vehicles.

##

Tennessee

1. Tennessee Department of Transportation (Two Routes)

UHI-ID# 55 UHI Area: Gulf Coast & Southern

Address:

400 James J. Polk Bldg. 6
Nashville, TN 37243-0333

Telephone: (615) 741-2027

Contact: Carl E. Cobble
Civil Engineer MGR II Maintenance Division

Number of Vessels: Two **Number of Routes:** Two

Schedules: 6:30 A.M. - 6:00 P.M.

Fares: For both routes an is Adult \$.50, car and driver \$2.00 and car alone \$4.00.

The Tennessee DOT ferry operates all year, on demand, serving an area with a population of approximately 3,000 people. There are two routes: one route on the Tennessee River operates between Clifton and Decaturville. Trip time is four minutes. The second route, on the Cumberland River, operates between Cumberland City and Throckmorton (Indian Mound). Trip takes four minutes. The system utilizes two non self propelled barges, each with a capacity of 31 passengers and 6 vehicles.

##

2. Washington Ferry Service

UHI-ID# 54 UHI Area: Gulf Coast & Southern

Address:

RT. 4, P.O. Box 280
Dayton, TN 37321

Telephone: (615) 775-3857

Contact: Mr. Charles Smith, Owner

Number of Vessels: One **Number of Routes:** One

Schedule: 6:00 A.M. - 8:00 P.M.

Fares: Cars \$1.50, trucks and trailer trucks \$2.00 - \$5.00 according to weight.

Washington Ferry Service is a privately owned ferry operating all year, serving an area with a population of approximately 7,000 people. This ferry operates on the Tennessee River from Decatur to Dayton. The trip takes three minutes. The ferry service utilizes one non self propelled barge with a capacity of 8 passengers and 6 vehicles.

##

3. Smith County Highway Department

UHI-ID# 53 **UHI Area:** Gulf Coast & Southern

Address:

275 J.M.Z. Drive
Gordonfield, TN 38563

Telephone: (615) 683-3326

Contact: Mr. Ralph E. Coble
Superintendent of Highways Road
Commissioner

Number of Vessels: One **Number of Routes:** One

Schedule: 7:00 A.M. - 3:00 P.M.

Fares: Free

Smith County Highway operates a public ferry all year, on demand, serving an area with a population of approximately 2,600 people. The ferry operates on the Cumberland River between Rome, TN and Dixon Springs, TN. Trip time is five minutes. The service utilizes one non self propelled barge with a capacity of 6 passengers and 2 vehicles.

##

4. Blythe Ferry

UHI-ID# 250 **UHI Area:** Gulf Coast & Southern

Address:

Willard Caraway
P.O. Box 617
Dayton, TN 37321

Telephone: (615) 775-6144

Contact: Mr. Glen Billard, Owner

Number of Vessels: One **Number of Routes:** One

Schedules: 6:00 A.M. - 8:45 P.M. (summer schedule)
during the winter months closes at dark.
Sunday's all year opens at 7:00 A.M

Fares: Cars \$20.00, trucks \$2.00 - \$7.00

Blythe Ferry is privately operated, open all year, serving an area with a population of approximately 32,000. The ferry operates on the Tennessee River, between Dayton, TN and Cleveland, TN. Trip time is five minutes. The vessel is a non self propelled barge with a capacity of 4 to 6 vehicles.

##

5. Hardin County Highway Department

UHI-ID# 51 UHI Area: Gulf Coast & Southern

Address:

Court Square, Box 116
Savannah, TN 38372

Telephone: (901) 925-4993

Contact: Mr. Daryl Blount, Superintendent of Highways

Number of Vessels: One **Number of Routes:** One

Schedules: 6:30 A.M. - 4:00 P.M.

Fares: Car and driver \$1.00, car \$2.00 (one way)

Hardin County Highway Department operates a public ferry system, serving an area with a population of approximately 6,900 people. The ferry operates all year, on the Tennessee River, from Saltillo to SR128, Hardin Country. Trip time is three minutes. The company utilizes one self propelled barge with a capacity of 18 passengers and 6 vehicles.

#

Alabama

1. Jackson County Department of Public Works/ Bridgeport, in Jackson County

UHI-ID#8 UHI Area: Gulf Coast & Southern

Address:

P.O. Box 487, Route 4
Scottsboro, AL 35768-9384

Telephone: (205) 259-6037

Contact: Mr. James Sentell, County Engineer

Number of Vessels: One **Number of Routes:** One

Schedule: 6:15 A.M. - 4:30 P.M., on signal

Fare: Free

Jackson County Department of Public Works operates a public ferry all year, Monday through Friday on a signal basis. The ferry serves a population of approximately 50,000 people in Bridgeport, Jackson County between the East and the West bank of the Tennessee River. Trip time is seven minutes. The company utilizes one non self propelled barge with a capacity of 24 passengers and 6 vehicles.

##

2. Monroe County Engineers Office

UHI-ID# 136 UHI Area: Gulf Coast & Southern

Address:

P.O. Box 692
Monroeville, AL 36451

Telephone: (205) 743-3672

Contact: Mr. Robert English, County Engineer

Number of Vessels: One **Number of Routes:** One

Schedule: On signal as needed, during the day light

Fare: Free

Monroe County operates a public ferry all year, Monday through Friday, serving an area with a population of 9,000 people. This ferry operates on the Alabama River from Davis in Monroe County to Franklin. Trip time is ten minutes. The system utilizes one vessel with a capacity of three vehicles.

##

Mississippi

1. Warren County Board of Supervisors

UHI-ID# 63 UHI Area: Gulf Coast & Southern

Address:

913 Jackson St., Box 351
Vicksburg, MS 39180

Telephone: (601) 636-1431

Contact: Ms. Rhea Fuller, Road Manager

Number of Vessels: One **Number of Routes:** One

Schedule: On demand

Fares: Free

Warren County Board operates a public ferry all year on a daily basis, 24 hours a day. The ferry operates on the Yazoo River, crossing North and South. Trip time is four minutes. The system utilizes one non self propelled barge with a capacity of 20 passengers and 6 vehicles.

##

Louisiana

1. Angola Ferry

UHI - ID# 22

UHI Area: Gulf Coast & Southern

Address:

LA-Corrections Administration Louisiana State Penitentiary
Business Office
Angola, LA 70712

Telephone: (504) 655-441 Ext 2041

Contact: Mr. Grimmer, Business Manager

Number of Vessels: One **Number of Routes:** One

Schedule: 3:30 A.M. - 7:30 P.M.

Fares: Free

Angola Ferry operates all year, serving a population of approximately 220,000 people. This ferry crosses the Mississippi River, between West Bank and Angola. Trip time is 10 minutes. The system utilizes one non self propelled barge and a contracted tug service.

##

2. Louisiana DOTD/Crescent City Connection Division (Three Routes)

UHI - ID# 195

UHI Area: Gulf Coast & Southern

Address:

2001 Victory Park Drive
New Orleans, LA 70174-6297

Telephone: (504) 354-8100

Fax: (504) 364-8189

Contact: Alan J. Levasseur, Executive Director

Number of Vessels: Four **Number of Routes:** Three

Schedule: The first and the second routes operate from 5:45 A.M. - 9:15 P.M., the third route operates from 5:30 A.M. - 9:00 P.M.

Fares: Free for foot passengers. Car and driver \$1.00 (round trip)

Crescent City Connection ferry system operates all year, serving an area with a total population of approximately 980,000. There are three routes along the Mississippi River. The first route is from Canal Street New Orleans. LA to Morgan Street, New Orleans. The second route is from Donald Street New Orleans to Paris Road, Chalmette, LA. The third route is from Gretna to Jackson Avenue, New Orleans. LA. Trip time for all three routes is approximately 5 minutes. The system utilizes four vessels with capacities: 1,000 passengers and 60 vehicles, 400 passengers, 240 passengers and 45 vehicles, and 800 passengers and 50 vehicles.

##

3. Louisiana Department of Transportation & Development

/District 03

UHI-ID# 15 **UHI Area:** Gulf Coast & Southern

Address:

428 Hugh Wallis Road., Box 3648
Lafayette, LA 70502

Telephone: (318) 233-7404
Fax: (318) 262-5101
Contact: Mr. Ray Fontenot, Parish Maintenance
Specialist

Number of Vessels: One **Number of Routes:** One

Schedule: 5:00 A.M. 9:00 P.M.

Fares: Adults, children \$.50, car and driver \$1.00
(one way)

District 3 ferry is a public service operating on the Apchafalaya River, serving an area with a population of approximately 1,700 people. The service operates between Melville on the West bank and the East bank of the river. The system utilizes one vessel with a capacity of 145 passenger and 15 vehicles.

##

4. Louisiana Department of Trans. & Development/District 07

(Two Routes)

UHI-ID# 73 **UHI Area:** Gulf Coast & Southern

Address:

P.O. Box 1399
Lake Charles, LA 70602

Telephone: (318) 439-2406
Contact: Mr. John W. Andrus
District Engineer Administrator

Number of Vessels: Two **Number of Routes:** Two

Schedule: 12:00 - 12:00 , and 1:00 P.M. - 12:00 P.M.

Fare: The fares for both routes are: car and driver
\$1.00.

District seven is a public ferry operating on two routes on the Calcasieu River serving an area with a population of 1,700. The first route is between Cameron and Monkey Island and the second route is between Cameron East Bank and Cameron West Bank. The system utilizes two non-self propelled barges.

##

5. Louisiana Department of Trans. & Development/District 58

UHI-ID# 83 UHI Area: Gulf Coast & Southern

Address:

P.O. Box 110
Chase, LA 71324

Telephone: (318) 435-5154

Fax: (318) 435-3929

Contact: Mr. Billy C. Sharp, District Manager

Number of Vessels: One **Number of Routes:** One

Schedule: 5:00 A.M. - 9:00 P.M.

Fares: Adults \$.25, car and driver \$1.00 (one way)

District 58 operates a public ferry on the Quachita River, serving an area with a population of approximately 5,000 people. The service operates cross river between Duty and Enterprise daily and as needed on the weekend. The system utilizes one non self propelled barge with a capacity of 49 passengers and 8 vehicles.

##

6. Louisiana Department of Trans. & Development/District 61

(Four Routes)

UHI-ID# 72 UHI Area: Gulf Coast & Southern

Address:

8100 Airline Highway, Box 831
Baton Rouge, LA 70821

Telephone: (504) 231-4131

Contact: Willie T. Taylor, Jr., District Administrator

Number of Vessels: Four **Number of Routes:** Four

Schedule: Hours for the first and second route are:
5:00 A.M. - 9:00 P.M., hours for the third
route are: 4:00 A.M. - 12:00 P.M., and the
hours for the fourth route are: 5:30 A.M. -
7:30 P.M.

Fares: Adults - \$.25; Car & driver \$1.00

District 61 is a public ferry system that operates on the Mississippi River, serving an area with a population of approximately 7,500 people. There are four routes; one from Plaquemine to Sunshine; one from Edgard to Reserve; one from St. Francesville to New Roads; one from White Castle to Carville. This service utilizes four vessels with capacities of 238 passengers and 30 vehicles, 115 passengers and 35 vehicles, 191 passengers and 35 vehicles, 146 passengers and 21 vehicles.

##

7. Plaquemines Parish Government (Two Routes)

UHI-ID# 67 **UHI Area:** Gulf Coast & Southern

Address:

102 Avenue G
Belle Chasse, LA 70037

Telephone: (504) 682-0081 Ext. 1280

Fax: (504) 394-9541

Contact: Mr. Daniel Hingle, Port Captain

Number of Vesses: Three **Number of Routes:** Two

Schedule: Hours for the first route are: 5:30 A.M. -
12:15 P.M., hours for the second route are:
6:00 A.M. - 11:30 P.M..

Fare: Free

Plaquemines Parish operates a public ferry all year, serving an area with a population of approximately 350 people. The ferry operates on the Mississippi River between Belle Chasse to Scarsdale and E. Point Alahache to W. Point Alahache. Trip time is ten minutes. The service utilizes three vessels with capacities of 210 passengers and 35 vehicles, 250 passengers and 35 vehicles, and 255 passengers and 37 vehicles.

##

8. St. James Parish Council

UHI-ID# 2 **UHI Area:** Gulf Coast & Southern

Address:

Convent Courthouse
Convent, LA 70723

Telephone: (504) 562-2260

Contact: Mr. Jody Chenier, Director of Operations

Number of Vessels: One **Number of Routes:** One

Schedule: 5:30 A.M. - 11:30 P.M.

Fares: Car and driver \$1.00 (one way)

St. James Parish operates a public ferry every half hour all year, in an area with a population of approximately 6,800 people. The ferry operates on the Mississippi River from Lutcher, LA and to Vacherie, LA. Trip time is 5 minutes. The system utilizes one self propelled barge with a capacity of 450 passengers and 39 vehicles.

##

Texas

1. Los Ebanos Ferry

UHI-ID# 174 **UHI Area:** Gulf Coast & Southern
Address:
817 Marinel Lane
Mission, TX 78572
Telephone: (512) 585-1172
Contact: Mr. Ed Reyna, Owner
Number of Vessels: One **Number of Routes:** One
Schedule: 8:00 A.M. - 4:00 P.M.
Fares: Cars \$1.00, passengers \$.25

This privately owned ferry operates all year, serving an area with a population of approximately 22,000 people. The ferry operates on the Rio Grand River from the Los Ebanos Mission to Diaz-Ordaz Mexico.. Trip time is five minutes. The company utilizes one non self propelled barge with a capacity of three vehicles.

##

2. Texas Dept. of Trans. Galveston-Port Bolivar Ferry Operation

UHI-ID# 169 **UHI Area:** Gulf Coast & Southern
Address:
P.O. Box 381
Galveston, TX 77553-0381
Telephone: (409) 763-2386
Fax: (409) 762-6039
Contact: Mr. D.K. Daniel,
Ferry Operations
Number of Vessels: Five **Number of Routes:** One
Schedule: Open 24 hours a day, leaves Galveston
approximately every 20 minutes between 6:00
A.M. and 9:20 P.M, then hourly between 11:00
P.M. and 6:00 A.M. .
Fares: Free

Port Bolivar Ferry is a public ferry operating all year, serving an area with a population of approximately 62,000 people. The ferry operates on Galveston Bay between Galveston and Port Bolivar. Trip time is 13 minutes. The system utilizes 5 vessels, each with a capacity of 500 passengers and 70 vehicles.

##

3. Texas Department of Highways - Port Aransas

UHI-ID# 80 **UHI Area:** Gulf Coast & Southern

Address:

P.O. Box 447
Port Aransas, TX 78383-0477

Telephone: (512) 749-5494

Contact: Mr. Ernesto Hinojosa, Jr.
Ferry Manager

Number of Vessels: Five **Number of Routes:** One

Schedule: On signal 24 hours a day

Fares: Free

Port Aransas is a public ferry operates all year, serving an area with a population of approximately 6,000 people. The ferry operates on Aransas Pass between Harbor Island and Port Aransas. Trip time is five minutes. The system utilizes five vessels with a capacity of either 100 passengers and 20 vehicles, or 49 passengers and 9 vehicles

##

###

Midwest And Great Lakes Region

Ohio

1. Kelley's Island Ferry Boat Line

UHI-ID# 50 UHI Area Midwest & Great Lakes

Address:

510 West Main , P.O. Box 117
Marblehead, OH 43440

Telephone: (419) 798-9763

Fax: (419) 798-8009

Contact: Wes Armstrong, Operations Director

Number of Vessels: One **Number of Routes:** One

Schedules: 7:00 A.M. - 11:30 P.M.

Fares: Adults, students \$6.00, children \$3.00,
disabled \$5.00, car and driver \$18.00, cars
\$12.00 (round trip).

Kelley's Island ferry is privately owned, operating from early April to late November on Sandusky Bay between Marblehead and Kelly's Island, Ohio. Trip time is twenty minutes. The company utilizes one vessel with a capacity of 400 passengers and 35 vehicles.

##

2. Jet Express/Put-In-Bay Boat Line Company

UHI-ID# 180 UHI Area: Midwest & Great Lakes

Address:

P.O. Box 69-B
Put-In-Bay, OH 43456

Telephone: (419) 732-2800

Fax: (419) 734-3704

Contact: Greg Gibson, President

Number of Vessels: Two **Number of Routes:** One

Schedule: 7:00 A.M. - 7:30 P.M.

Fares: Adults \$3.50, children \$1.50, cars,
trailers and pickup campers \$6.00.

Jet Express/Put-In-Bay Boat Line Company is a privately owned ferry operating on Lake Eire from April to mid November between Port Clinton and Put-In-Bay, Ohio. Trip time is one hour and fifteen minutes. The company utilizes two vessels with capacities of 136 passengers and 6 vehicles and 200 passengers and 20 cars.

##

4. Neuman Boat Line, Inc (Four Routes)

UHI-ID# 177 UHI Area: Midwest & Great Lakes

Address:
100 E. Shoreline Drive
Sandusky, OH 44870

Telephone: (419) 626-5557

Fax: (419) 626-0669

Contact: Mr. John Newman, Owner(spelling)

Number of Vessels: Five **Number of Routes:** Four

Schedules: Three of the routes operate from 7:30 A.M. 7:30 P.M. and one route operates from 7:30 A.M. - 6:30 P.M.

Fares: Fares for the first route are: adults, senior citizens, and disabled \$7.80, children \$4.50, students \$7.30, car and driver \$10.90, cars \$14.00 (one way). Fares for the second route are: adults, senior citizens and disabled \$7.80, children \$4.50, students \$4.25, (round trip) car and driver \$10.90, cars \$14.00 (one way). Fares for the third route are: adults, and disabled \$10.40, children \$6.00 (round trip) car and driver \$28.65, cars \$18.25 (one way). Fares for the fourth route are: adults, senior citizens, and disabled \$10.00, children \$4.75 (round trip). Fares for the fifth route are: adults, children \$7.80 (one way), senior citizens and disabled \$7.80, (round trip), students \$3.00 (round trip).

Neumann Boat Line is a private operation. The vessels operate from early April to late November, serving an area with a population of approximately 31,000 people. Trip time ranges from twenty minutes to over two hours on Lake Erie and Sandusky Bay between Marblehead and Sandusky to North Bass, Middle Bass and Kelly's Islands. The company utilizes four vessels with capacities of 259 passengers and 8 vehicles, 155 passengers and 9 vehicles, 149 passengers and 15 vehicles, 150 passengers and 15 vehicles.

##

5. Sonny's Boat Line, Inc.

UHI-ID# 228

UHI Area: Midwest & Great Lakes

Address:

27 Runkle Rd. P.O. Box 27
Middle Bass, OH 43446

Telephone: (419) 285-8774

Contact: Mr. Charles Schneider, Owner and Captain

Number of Vessels: Two **Number of Routes:** One

Schedules: 12:00 P.M. - 7:00 P.M.

Fares: Adults \$5.00, children \$2.50 (one way)

Sonny's Boat Line ferry is privately owned and serves an area with a population of approximately 1,000 people. The company utilizes two vessels with capacities of 46 and 75 passengers on one route from South Bass Island to Middle Bass Island.

##

Michigan

1. Star Line

UHI-ID# 222

UHI Area: Midwest & Great Lakes

Address:

590 N. State Street
St. Ignace, MI 59781

Telephone: (906) 643-7635

Fax: (906) 643-9856

Contact: Mr. Tom Pfeiffelmann, General Manager

Number of Vessels: Six **Number of Routes:** One

Schedule: 7:30 A.M. - 9:30 P.M.

Fares: Adults \$11.00, children \$6.50, students \$5.00
(round trip).

Star Line is a privately owned ferry which operates from mid May to October, serving an area with a population of approximately 2,600 people. The ferry operates one route between St. Ignace and Mackinac Island on the Straits of Mackinac. Trip time is eighteen minutes. The company utilizes six vessels, each with a capacity of 150 passengers.

##

2. Arnold Mackinac Island Ferry (Two Routes)

UHI-ID #223

UHI Area: Midwest & Great Lakes

Address:

P.O. Box 220, Huron Street
Mackinac Island, MI 49757

Telephone: (906) 643-8772

Fax: (906) 847-3892

Contact: Mr. Robert Brown, General Manager

Number of Vessels: One **Number of Routes:** Two

Schedules: Hours for the first route are: 8:45 - 4:15,
hours for the second route are: 7:45 - 3:30.

Fares: Adults \$6.75 children \$4.00, children under
five free.

Arnold Mackinac Island Ferry is a privately owned ferry that operates from early May to mid October, serving an area with a population of approximately 2,000. The ferry operates on the Straits of Mackinac, between Mackinac City and Mackinac Island. Trip time is thirty minutes. The company utilizes a vessel with a capacity of 400 passengers.

##

3. Beaver Island Boat Co.

UHI-ID#31 **UHI Area:** Midwest & Great Lakes
Address:
102 Bridge Street
Charlevoix, MI 49720
Telephone: (616) 547-2311
Fax: (616) 547-5542
Contact: Mr. Lynn Degrow
General Manager
Number of Vessels: Two **Number of Routes:** One
Schedules: 8:30 A.M. - 5:30 P.M.
Fares: Adults \$24.00, children \$12.00, cars \$40.00
(round trip).

Beaver Island Boat Co. is a privately owned ferry service operating from Mid April to December. It serves an area with a population of approximately 3,000 people. The vessel operates on Lake Michigan between Charlevoix St. James and Beaver Island. Trip time is two hours and fifteen minutes. The company utilizes two vessels with capacities of 200 passengers, 11 vehicles and 120 passengers and 6 vehicles respectively.

##

4. Champions Auto Ferry, Inc.

UHI-ID# 211 **UHI Area:** Midwest & Great Lakes
Address:
3647 RT. Tremble Road
Algonac, MI 48001
Telephone: (313) 748-3757
Contact: Mr. Dan Hill, Manager
David Bryson, President
Number of Vessels: Three **Number of Routes:** One
Schedule: On call
Fares: \$40.00 per car (one way)

Champion Auto Ferry is a privately owned ferry operating on the St. Clair River between Algonac, MI and Harsens Island, MI, serving an area with a population of approximately 6,000. The service utilizes three vessels; two conventional passenger ferries and a self propelled barge. The total capacity is 120 passengers and 12 vehicles.

##

5. Charlevoix County Road Commission

UHI- ID# 17

UHI Area: Midwest & Great Lakes

Address:

P.O. Box 39

Boyne City, MI 49712

Telephone: (616) 582-7330

Fax: (616) 582-3110

Contact: Mr. Richard Stangis, General Manager

Number of Vessels: One **Number of Routes:** One

Schedule: 6:30 A.M. - 6:30 P.M.

Fares: Adults \$.25, car and driver \$1.50, (one way)

Charlevoix Ferry is publicly operated, on Lake Charlevoix, serving an area with a population of approximately 7,000 between Ironton, MI and S.R west of Boyne City, MI. Trip time is ten minutes. The service utilizes one non-self propelled barge, with a capacity of 27 passengers and 4 vehicles.

##

6. Eastern Upper Peninsula Trans. Authority (Three Routes)

UHI-ID# 39

UHI Area: Midwest & Great Lakes

Address:

Bldg. 119, Culley Road
Kinross, MI 49788

Telephone: (906) 495-5656

Fax: (906) 495-5714

Contact: Ms. Judith A. Walsh, Executive Director

Number of Vessels: Three **Number of Routes:** Three

Schedules: The hours for the first route are: 6:10 A.M.
- 11:10 P.M; hours for the second route are:
5:00A.M.-2:00A.M. Hours for the third route
are: 8:00 A.M. – 12:00 P.M.

Fares: Fares for the first route are: students \$.80,
senior citizens and disabled \$1.00, car and
driver \$8.00 (round trip). Fares for the
second route are: adults \$1.50, students
\$.30, senior citizens and disabled
\$.70, car and driver \$3.50 (round trip). Fares
for the second route are: adults \$1.50,
students \$.30, senior citizens and disabled
\$.70, and car and driver
\$3.50 (round trip) Fares for the third route
are: adults \$.75, senior citizens and disabled
\$.35.

Eastern Upper Peninsula Trans. Authority s publicly operated ferry on the St. Mary's River in Upper Michigan, serves an area with a population of approximately 3,000 people. The Authority provides three routes: one each between Drummond Island and Detour MI; Sugar Island and Sault Ste Marie and Neebish Island to Barbeau, Michigan. The Authority utilizes three non self propelled barges, with capacities of 149 passengers and 24 vehicles, 112 passengers and 13 vehicles, 26 passengers and 6 vehicles.

##

7. Isle Royale National Park

UHI-ID# 29 **UHI Area** Midwest & Great Lakes

Address:

87 North Ripley Street
Houghton, MI 49931

Telephone: (906) 482-0986

Fax: (906) 482-8753

Contact: Mr. William Fiork, Superintendent

Number of Vessels: One **Number of Routes:** One

Schedules: From Houghton - Tues & Fri - 9AM;
From Rock Harbor - Wed & Sat - 9AM

Fares: One Way Fares are: Seasonal - Adults
\$35.00 to \$40.00; Children \$20.00;

Isle Royale National Park operates a publicly sponsored ferry from June to September. The vessel operates on Lake Superior between Houghton, MI and Isle Royale National Park. The trip time takes six hours and thirty minutes. It's advisable to make reservations in advance. The company has one vessel with a capacity of 123 passengers. Schedule and fares vary depending upon time of year. Call for information.

##

8. Isle Royale Ferry Service

UHI # 29 **UHI Area** Midwest & Great Lakes

Address:

Box 24
Copper Harbor, MI 49918

Telephone: (906) 482-4950 - Off season,
(906) 289-4437- Summer

Contact: Mr. William Fiork, Superintendent

Number of Vessels: One **Number of Routes:** One

Schedules: May 13 To Jun 14 - From Copper Harbor
Mon& Fri - 8AM; From Rock Harbor -
Mon&Fri - 2PM; Jun 15 to Sep - Same day
trips @ 8AM and 3:30 PM

Fares: One Way Fares are: Seasonal - Adults \$30.00 to
\$32.00; Children \$15.00 to \$16.00

Isle Royale Ferry is a publicly sponsored ferry operating from June to September. The vessel operates on Lake Superior between Houghton, MI and Isle Royale National Park. The trip time takes six hours and thirty minutes. It's advisable to make reservations in advance. The company has one vessel with a capacity of 123 passengers. Schedules and fares vary depending upon time of year. Call for information.

##

9. Grand Portage-Isle Royale Transportation Line, Inc. (Two Routes)

UHI-ID# 95 **UHI Area:** Midwest & Great Lakes
Address:
1507 North First Street
Superior, MI 54880
Telephone: (715) 392-2100
Contact: Mr. Stanley Silverston, President
Number of Vessels: Two **Number of Routes:** Two
Schedule: Vary according to period and destination
Fares: One Way Fares are: Seasonal and destination driven - Adults \$35.00 to \$40.00; Children \$20.00.

Grand Portage-Isle Royale Transportation Line, Inc. is a publicly sponsored ferry operating from May to early October, serving an area with a population of approximately 30,000. The ferry crosses Lake Superior between Grand Portage, MN and Isle Royale National Park at Rock Harbor, MI with stops. Trip time is from 2 1/2 hours to 5 1/2 hours depending upon destination. The service utilizes two vessels with capacities of 48 and 149. The first route is from Grand Portage to Rock Harbor with stops at Windigo, McCargoe, Daisy Farm, Chippewa Harbor and Malone Bay. The second route is from Grand Portage to Windigo and return, direct. Call for information.

##

10. Manitou Island Transit

UHI-ID# 226 **UHI Area:** Midwest & Great Lakes
Address:
P.O. Box 591
Leland, MI 49654
Telephone: (616) 256-9061
Contact: Mike and Beth Grosvenor, Owners
Number of Vessels: Two **Number of Routes:** One
Schedule: 10:00 A.M. - 3:30 P.M.
Fares: Adults \$10.00, children \$2.00 (round trip)

Manitou Island ferry is privately owned, operating on Lake Michigan from May to October. The company serves a population of approximately 600 people between Leland and South Manitou Island. Trip time is one hour and twenty five minutes. It is advisable to make reservations ahead of time. The company has two vessels with capacities of 136 and 66 passengers.

##

11. Mackinaw Island Ferry Service (Two Routes)

UHI-ID# 43 **UHI Area:** Midwest & Great Lakes

Address:

P.O. Box 250
Mackinaw City, MI 49701

Telephone: (616) 436-5023

Fax: (616) 436-7521

Contact: Mr. Bill Shepler, President

Number of Vessels: Five **Number of Routes:** Two

Schedules: Hours for the first route are :7:30 A.M. -
10:00 P.M., hours for the second route are:
8:00 A.M. - 5:00 P.M.

Fares: Fares for both routes are: adults, senior
citizens, and disabled \$9.50, children \$6.00,
students \$3.75 (one way).

Mackinac Island ferry operates from early May to early November, serving an area with a population of approximately 17,000 people. The ferry operates on the Straits of Mackinac between Mackinac City and Mackinac Island. The company utilizes five vessels with passenger capacities of 120, two at 150 and two at 265.

##

12. Lake Michigan Car Ferry Service

UHI-ID# 225 **UHI Area:** Midwest & Great Lakes

Address:

301 City Center Bldg, P.O. Box 708
Ludington, MI 49431

Telephone: (616) 845-5555

Fax: (616) 843-4558

Contact: Mr. James E. Anderson, Executive V.P.

Number of Vessels: One **Number of Routes:** One

Schedule: 7:30 A.M. - 12:00 P.M.

Fares: Adults and disabled \$30.00, children \$15.00,
senior citizens \$25.00, car and driver \$70.00
car \$40.00 (one way).

Lake Michigan Car ferry is privately owned, serving an area with a population of approximately 39,000 people. It operates on Lake Michigan, between Ludington MI and Manitowoc, WI. Trip time is 4 hours. The company utilizes one vessel with a capacity of 620 passengers and 120 vehicles.

##

Illinois

1. Illinois Department of Transportation (Two Routes)

UHI-ID# 216 UHI Area: Midwest & Great Lakes
Address:
 1100 East Port Plaza Drive
 Collinsville, IL 62234-6198
Telephone: (618) 346-3265
Fax: (618) 346-3266
Contact: Mr. Ralph Kaesberg, Operations Field Engineer
Number of Vessels: Two Number of Routes: Two
Schedules: Daily on call
Fares: Free

Illinois Department of Transportation operates two public ferry routes on the Illinois River, serving an area with a population of approximately 26,000 people. Trip times are 10 minutes for each route. The company utilizes two non self propelled barges with capacities of 74 passengers and 12 vehicles each, on routes from Grafton in Jersey County to Brussels in Calhoun County and Kampsville in Calhoun County to Eldred in Greene County.

##

2. Calhoun-St. Charles Ferry Co.

UHI- ID# 217 UHI Area: Midwest & Great Lakes
Address:
 P.O. Box 30
 Golden Eagle, IL 62036
Telephone: (618) 883-2217
Contact: Mr. Fred Pohlman, President
Number of Vessels: One Number of Routes: One
Schedules: 5:30 A.M. - 9:00 P.M.
Fares: \$4.00 per car

Calhoun-St. Charles ferry is privately owned, operating on the Mississippi River from early March to mid December, serving an area with a population of approximately 20,000 people. The ferry route is from Golden Eagle, IL to St. Charles County, MO. Trip time is ten minutes. The company utilizes one self propelled barge, with a capacity of 16 vehicles.

##

3. Darwin Ferry

UHI-ID# 210

UHI Area: Midwest & Great Lakes

Address:

RTE 2 Box 114
West Union, IL 62477

Telephone: (217) 826-2908
Contact: Jerry Gard, Owner
Number of Vessels: One **Number of Routes:** One
Schedule: 6:00 A.M. - 6:00 P.M.
Fares: Cars and pick-up trucks \$2.00, larger vehicles
\$2.50 - \$4.50, combines \$10.00.

Darwin Ferry is a privately owned service operating on the Wabash River. It provides service all year round, weather permitting. The ferry operates between Darwin, IL and Vigo, IN. Trip time is four minutes. The company utilizes one non self propelled barge with a vessel capacity of 6 passengers and 3 vehicles.

##

4. Lynnfield Ferry Co.

UHI-ID# 47

UHI Area Midwest & Great Lakes

Address:

P.O. Box 8
Batchtown, IL 62006-0008

Telephone: (618) 396-2535
Contact: Mr. Vincent Baalman, Owner
Number of Vessels: One **Number of Routes:** One
Schedules: 5:30 A.M. - 8:00 P.M.
Fares: Cars \$3.50

Lynnfield Ferry is publicly operated, serving an area with a population of approximately 2,600 people. The ferry operates on the Mississippi River between Batchtown, IL and Winfield, MO. Trip time is five minutes. The company utilizes one non- self propelled barge with a capacity of 8 vehicles.

##

Wisconsin

1. Plaunt Transportation Co.

UHI-ID# 209 UHI Area: Midwest & Great Lakes

Address:

406 Water St., Box 2
Cheboygan, WI 49721

Telephone: (616) 627-2354
Fax: (616) 627-6793
Contact: Mr. Curt Plaunt, Owner & Operator
Number of Vessels: One **Number of Routes:** One
Schedules: 9:30 A.M. - 6:00 P.M.
Fares: Adults \$3.25, children \$2.25, cars \$15.00
(one way) cars \$25.00 (round trip), camper
trailer \$7.50.

Plaunt Transportation is privately owned. It operates on Lake Huron from April to November, serving an area with a population of approximately 5,100. The ferry operates between Cheboygan - Pointe Aux Pins, and Bois Blanc Island. Reservations are advised to take a vehicle. The company utilizes one Catamaran with a vessel capacity of three vehicles.

##

2. Rock Island Ferry

UHI-ID# 241 UHI Area: Midwest & Great Lakes

Address:

Main Road Box 11
Washington Island, WI 542346

Telephone: (414) 847-2252
Contact: Mr. Jack Cornell, Owner
Number of Vessels: One **Number of Routes:** One
Schedule: 10:00 - 4:00 P.M.
Fares: Adults \$6.00, children \$4.00 (round trip)

Rock Island ferry is privately owned serving an area with a population of approximately 1,000 people. The ferry operates from Washington Island, WI to Rock Island, WI. Trip time is ten minutes. The company utilizes one vessel with a capacity of 49 passengers.

##

3. Apostle Island Cruise Service (Two Routes)

UHI-ID #187 **UHI Area:** Midwest & Great Lakes
Address:
P.O. Box 691
Bayfield, WI 54814
Telephone: (715) 779-4588
Contact: Mr. David Strzok
Number of Vessels: Two **Number of Routes:** Two
Schedule: Hours for the first route are: 10:00
A.M. - 1:30 P.M.. The ferry for the
second route leaves at 11:00 A.M. three
times a week.
Fares: Fares for the first route are: adults
\$18.95, students, children, disabled and
senior citizens \$8.95. The fares for
he second route are: adults \$18.95,
children \$8.95 (one way).

Apostle Island Cruise Service is privately owned. The first route crosses Lake Superior, the second, Chequamegon Bay. The company utilizes two vessels with a capacity of 173 and 396 passengers respectively.

##

4. Madeline Island Ferry Line

UHI-ID# 243 **UHI Area:** Midwest & Great Lakes
Address:
P.O. Box 66B
Lapoint, WI 54850
Telephone: (715) 747-2051
Fax: (715) 747-6801
Contact: Mr. Gary Russel, General Manager
Number of Vessels: Three **Number of Routes:** One
Schedule: 7:00 A.M. - 11:00
Fares: Adults, students \$2.75, children \$1.75 (one
way)

Madeline Island ferry is a private ferry, operating from April to December weather permitting, serving an area with a population of approximately 1,200 people. The ferry operates on Lake Superior between Bayfield and La Pointe - Madeline Island. Trip time is 15 minutes. The company has three vessels with capacities of 150 passengers and 22 vehicles, 150 vehicles, 150 passengers and 10 vehicles.

##

Missouri

1. Akers Ferry Canoe Rental/National Park Service

UHI-ID: #218 **UHI Area:** Midwest & Great Lakes

Address:

NCR 81, Box 90
Salem, MO 65560

Telephone: (314) 858-3224
Fax: (314) 858-3341
Contact: Mr. Eugene Maggard, President
Number of Vessels: One **Number of Routes:** One
Schedules: Summer hours are (April - September)
7:00 A.M. - 7:00 P.M.
(October - March) 8:00 A.M. - 5:00 P.M.
Fares: Car and driver \$2.00 (one way)

Akers ferry is publicly owned, part of the National Park Service, operated by a private concession. The service operates all year, weather permitting, serving an area with a population of approximately 800. The ferry crosses the Current River, between Akers and Shannon County, connecting Highway K. Trip time is five minutes. The Akers ferry utilizes one self propelled barge, with a capacity of two vehicles.

##

2. Fredericksbury Ferry

UHI - ID#230 **UHI Area:** Mid-West & Great Lakes

Address

Rural Tr. I, Box 212
Morrison, MO 65061

Telephone: (314) 294-7203
Contact: Albert Depper, Owner
Number of Vessels: One **Number of Routes:** One
Schedule: 7:30 A.M. - 6:00 P.M.
Fares: Car and driver \$3.00 (round trip), car \$2.00
(one way)

Fredericksbury Ferry is privately owned, operating on a daily basis, serving an area with a population of approximately 2,600. Crossing the Gasconade River, service is provided from Hermann on the eastside to Linn on the westside. Trip time is two minutes. The company utilizes one non self propelled barge with a capacity of 14 passengers and two vehicles.

##

3. Canton Ferry

UHI #

UHI Area: Mid West & Great Lakes

Address:

P.O. Box 8
Canton, MO 63435

Telephone: (217) 964-2111

Fax: (217) 964-2260

Contact: Gerald Jenkins

Number of Vessels One **Number of Routes:** One

Schedule: Daily - 8:00AM to 7:00PM As needed

Fare: \$3.50 per car, \$6.00 round trip, \$5.00 trucks

Canton Ferry is owned by the Ursa Grain Exchange, operating year round, crossing the Mississippi river between Canton, Missouri to Meyer, Illinois. The ferry serves a general population of 82,523. Trip time is 10 minutes. The company utilizes one non-self propelled barge with a capacity of 12 trucks or cars.

Rocky Mountain & West Region

Montana

1. Blaine County Road Department

UHI-ID# 170 UHI Area: Rocky Mountain & West

Address:

P.O. Box 278
Chinook, MT 59523

Telephone: (406) 357-3250
Fax: (406) 357-2199
Contact: Mr. Curtis Moxley, Commissioner
Number of Vessels: One **Number of Routes:** One
Schedule: 8:00 A.M. - 7:00 P.M.
Fares: Free

Blaine County Road Department operates a public ferry providing service from April to October, to an area with a population of approximately 1,600 people. The ferry operates on the Missouri River from Chinook, MT to Winifred, MT. Trip time is ten minutes. The system utilizes one conventional passenger vessel with a capacity of 5 passengers and 2 vehicles.

##

2. Chouteau County Clerk and Recorder-Carter Ferry (Two Routes)

UHI-ID# 7 UHI Area: Rocky Mountain & West

Address:

P.O. Box 459
Fort Benton, MT 59442

Telephone: (406) 622-5151
Contact: Mr. John Witt, Commissioner
Number of Vessels: Two **Number of Routes:** Two
Schedule: 7:00 A.M. - 7:00 P.M.
Fares: Free Monday through Saturday. Sundays from 9:00 - 5:00 P.M. \$2.00

Carter Ferry is a public ferry, operated by Chouteau County Clerk & Recorder's office from mid March to mid November, serving an area with a population of approximately 2,500 people. The ferry operates across the Missouri River along two routes. Route one is from the Carter side of the river to the Highwood side and route two is from the Virgelle side to the Geraldine side. Trip time is five minutes. The company has two self propelled barges each with capacities of 25 passengers and 3 vehicles.

##

Utah

1. ARA Leisure Service-Hall's Crossing Marina

UHI-ID# 175

UHI Area: Rocky Mountains & West

Address:

P.O. Box 5101

Lake Powell, UT 84533

Telephone: (801) 684-2261

Fax: (801) 684-2319

Contact: Mr. Steve Caruthers, Operators Manager

Number of Vessels: One **Number of Routes:** One

Schedule: 8:00 A.M. - 3:00 P.M.

Fares: Adults \$2.00, children \$1.00, car and driver
\$9.00 (one way)

Hall's Crossing Marina Ferry is privately owned ferry operates for the county roads department on Lake Powell from Bullfrog Marina in Glen Canyon to Halls Crossing Marina, serving an area with a population of approximately 3,000. The service utilizes one vessel with a capacity of 150 passengers and 15 vehicles.

##

California

1. Department of Transportation/Caltrans (Two Routes)

UHI-ID# 46 UHI Area: Rocky Mountain & West

Address:

10 Regional Office, Box 8
Fairfield, CA 94533

Telephone: (707) 374-2214

Fax: (707) 428-2022

Contact: Mr. Arden Sauls, Regional Management
Mel Taguinod, Bridge Supervisor

Number of Vessels: Two **Number of Routes:** Two

Schedule: On call

Fare: Free

Caltrans operates a public ferry along two routes on the Sacramento River, serving an area with a population of approximately 3,100 people. The ferry serves Ryer Island from Grand Island and Rio Vista from Ryer Island. Trip time for both is approximately three minutes. The system utilizes two craft, one, a vessel with a capacity of 66 passengers and 6 vehicles, the other, a self propelled barge with a capacity of 82 passengers and 6 vehicles.

##

2. Golden Gate Bridge, Highway & Transportation District (Two Routes)

UHI-ID# 1 UHI Area: Rocky Mountain & West

Address:

P.O. Box 9000, Presidio Station
San Francisco, CA 94129

Telephone: (415) 257-4570

Fax: (415) 461-3510

Contact: Mr. Eric A. Robinson Manager, Ferry Transit Div.

Number of Vessels: Two **Number of Routes:** Two

Schedules: The hours for the first route are 6:00 A.M. to 7:35 P.M.. The hours for the second route are 7:05 A.M. to 7:20 P.M.

Fares: The fares for the first route are adults \$2.20, student \$1.65, disabled and senior citizens \$1.10. The fares for the second route are adults \$3.50, student \$2.60, senior citizens and disabled \$1.75.

Golden Gate Transit District operates a public ferry all year, serving an area with a population of approximately 170,000 people. The ferry operates on the San Francisco Bay between Larkspur, San Francisco and Sausalito. The system utilizes two conventional passenger vessels with capacities of 725 and 575 passengers.

##

3. Red & White Fleet (Two Routes)

UHI-ID# 78 **UHI Area:** Rocky Mountain&West

Address:

Pier 41
San Francisco, CA 94133

Telephone: (415) 546-2842

Fax: (415)546-2623

Contact: Carolyn Horgan, Operations Manager

Number of Vessels: Five **Number of Routes:** Two

Schedule: Vary based upon route, from 7:00 A.M. to 7:30 P.M., daily. Should confirm with company.

Fares: Adults - \$4.50 to & \$7.50, children (5-11)
\$2.25 to \$3.25. Each varies based upon route.

Red and White Fleet is a privately owned ferry that operates all year on two routes in the San Francisco Bay area. Between points in Sausalito, Tiburon and San Francisco. Trip times vary from 20 to 30 minutes. The company utilizes a total of 13 vessels with capacities that range from 49 to 650 passengers.

##

4. Angel Island - Tiburon Ferry Co.

UHI-ID# 238 **UHI Area:** Rocky Mountain & West

Address:

21 Main St., P.O. Box 901
Tiburon, CA 94920

Telephone: (415) 435-2131

Contact: Mr. Milt McDonogh, Owner

Number of Vessels: One **Number of Routes:** One

Schedule: 10:00 A.M. - 5:00 P.M.

Fares: Adults \$5.00, children \$3.00 (one way)

Angel Island Ferry is a privately owned ferry operating all year, weather permitting, serving an area with a population of approximately 1,500,000 people. The ferry operates in the San Francisco Bay area from Tiburon to Angel Island. Trip time is fifteen minutes. The service utilizes one conventional passenger vessel with a capacity of 396 passengers.

##

6. Harbor Bay Maritime-HARBOR BAY FERRY

UHI ID #: **UHI Area:** Rocky Mountains & West

Address:

Pier 48B
San Francisco, CA 94111

Telephone: (415) 247-1605

FAX: (415) 247-1606

Contact: Paul Bishop, General Manager

Number of Vessels: Two **Number of Routes:** One

Schedules: **Mon - Fri** - From Alameda: 630am, 730am, 830am

500pm, 600pm, 700pm

mid-day - 1145am, 1245pm, 145pm, 400pm

From San Francisco: 700am, 800am, 430pm, 530pm,

630pm, mid-day - 1215pm, 115pm, 330pm

Sat - Sun From Alameda: 930am, 1130am, 1230pm,

500pm, 600pm

From San Francisco: 1105am, 1200noon, 430pm,

530pm, 630pm

Fares: **Adults - \$4.00 one way**

Seniors - \$3.00 one way

Children-\$2.00 one way

Harbor Bay Maritime is a privately owned ferry service operating between the Harbor Bay development in Alameda, CA to San Francisco in support of the residential development corporation. The ferry supports a community with daily service including Saturday and Sunday. Trip time is 15 minutes for the new fast catamaran and 23 minutes with the conventional hull vessel. The two vessels carry 149 and 281 passengers respectively.

##

7. Colusa County Department of Public Works

UHI-ID# 237 **UHI Area:** Rocky Mountain & West

Address:

1215 Market Street
Colusa, CA 95932

Telephone: (916) 458-5186
Fax: (916) 458-2035
Contact: Mr. Russell Gum, Director of Operation
Number of Vessels: One **Number of Routes:** One
Schedule: 6:00 A.M. - 10:00 P.M.
Fares: Passengers \$.50 (one way)

Colusa County operates a public ferry on a daily basis, all year, serving an area with a population of approximately 7,000 people. The ferry operates on the Sacramento River between Princeton and Afton. Trip time is two minutes. The operation utilizes one conventional passenger vessel with a capacity of 4 vehicles.

##

8.. Delta Ferry Authority & Delta Wetlands

UHI-ID# 239 **UHI Area:** Rocky Mountain & West

Address:

3697 Mt. Diablo Bldg. Suite 120
Lafayette, CA 94549

Telephone: (510) 283-4216
Contact: Mr. Dave Forkel
Sec. Reclamation District #2026
Number of Vessels: One **Number of Routes:** One
Schedule: 8:00 A.M. - 5:00 P.M.
Fares: Free

Delta Ferry Authority operates a public ferry on the False River, serving an area with a population of approximately 10,000 people. The ferry serves the Islands of Jersey and Bradford from Webb Tract. Trip time is ten minutes. The system utilizes one conventional passenger vessel with a capacity of 49 passengers and 9 vehicles.

##

9. Lake Shasta Ferry (Two Routes)

UHI-ID# 28 **UHI Area:** Rocky Mountain & West

Address:

Lake Shasta Properties
P.O. Box 801
O'Brien, CA 96070

Telephone: (916) 238-2341

Contact: Mr. Roger Lefebure

Number of Vessels: Two **Number of Routes:** Two

Schedules: Daily, 9:00AM to 5:00PM

Fares: Round Trip - Adults \$12.00, Chirdren \$6.00

Lake Shasta Ferry is a privately owned ferry operating on Shasta Lake between McCloud Arms and the Eastside of Lake Shasta. The ferry operates in an area with a general population of 70,000 people. Trip time is 10 minutes. The company utilizes two vessels with a capacity of 55 and 80 passengers.

##

10. San Joaquin County Department of Public Works (Two Routes)

UHI-ID# 28 **UHI Area:** Rocky Mountain & West

Address:

P.O. Box 1810
Stockton, CA 95201

Telephone: (209) 468-3104

Contact: Mr. Earl S. Gilford,
Administravtive Assitant II

Number of Vessels: Two **Number of Routes:** Two

Schedules: On request

Fares: Free

San Joaquin public ferry operates all year, serving an area with a population of approximately 149,000 people. The ferry operates on two rivers, the Connection Slough River and the Middle River, between Empire Tract and Venice Island. Trip time is five minutes. The company has two self propelled barges with capacities of 30 passengers and 3 vehicles.

##

11. Catalina Channel Express, Inc.

UHI-ID# 240 **UHI Area:** Rocky Mountain&West

Address:

P.O. Box 1391
San Pedro, CA 90704

Telephone: (310) 548-7389
Fax: (310) 519-7971
Contact: Greg Bombard, General Manager
Number of Vessels: Seven **Number of Routes:** One
Schedule: 7:00 A.M. - 7:30 P.M. hours subject to change
please confirm with company.
Fares: Adults \$12.50, children (2-11) \$7.50,
children under 2 \$.50, senior citizens 55 or
older \$10.50.

Catalina Channel Express is a privately owned ferry that operates all year. The ferry operates in the San Pedro Channel, between Avalon and two harbors on Catalina Island and San Pedro, CA. Trip time is sixty to ninety minutes. The company utilizes a combination of conventional and catamaran style passenger vessels with capacities that range from 60 to 149 passengers.

##

12. Catalina Cruises (Two Routes)

UHI ID # **UHI Area:** Rocky Mountain & West

Address:

320 Golden Shore Drive
Long Beach, CA 90802

Telephone: (310) 436-5006
Contact: Paul Sokolowski, Passenger & Services Mngr
Number of Vessels Four **Number of Routes:** Two
Schedule: Summer - Five trips per day
Winter - Two trips per day
Fares:

Catalina Cruises is a privately owned ferry service operating from downtown Long Beach, California to both Avalon Harbor and Two Harbors on Catalina Island, California. This ferry crosses the Queensway Bay out into the Pacific Ocean. Trip time is one hour and fifty minutes. The company utilizes four vessels three with a capacity of 700 passengers, one with a capacity of 100 passengers.

##

13. Balboa Island Ferry

UHI-ID# 232 **UHI Area:** Rocky Mountain & West

Address:

410 South Bay Front
Balboa Island, CA 92662

Telephone: (714) 673-1070
Contact: Mr. John F. Meehan, Operations Manager
Number of Vessels: Three **Number of Routes:** One
Schedule: 6:00 A.M. - 12:00 P.M.
Fares: Adults \$.25, children \$.10, car and driver
\$.65 (one way)

Balboa Island Ferry is a privately owned ferry, operating all year, serving an area with a population of approximately 80,000 people. The ferry operates in Newport Bay Harbor from Balboa Island to Balboa Peninsula. Trip time is five minutes. The company utilizes three self propelled barges with a vessel capacity of 75 passengers and 3 vehicles.

##

14. Catalina Passenger Service

UHI-ID# 236 **UHI Area:** Rocky Mountain & West

Address:

400 Main St.
Balboa, CA 92661

Telephone: (714) 673-3014
Fax: (714) 673-8340
Contact: Mr. Bob Black, President, General Manager
Number of Vessels: One **Number of Routes:** One
Schedule: 9:00 A.M. - 4:30 P.M.
Fares: Adults \$32.50, children \$2.00, car and driver
\$16.50 (one way)

Catalina Passenger Service is a privately owned ferry, operating from late December to October, serving an area with a population of approximately 1,900,000 people. The ferry operates across the San Pedro Channel between Avalon on Catalina Island and Newport, CA. Trip time is seventy-five minutes. The company utilizes one vessel with a capacity of 500 passengers.

##

15. Harbor Excursion

UHI ID #

UHI Area: Rocky Mountain & West

Address:

P.O. Box 751
San Diego, CA 92112

Telephne: (619) 595-1055

Fax: (619) 595-1051

Contact: Eric Lund, General Manager

Number of Vessels: One **Number of Routes:** One

Schedules: From San Diego to Coronado - 9AM seven days per week to 9PM on Sun thru thurs and 10-PM on Fri and Sat.

From Coronado to San Diego - 930AM seven days per week to 930PM Sun thru Thurs and 1030PM Fri and Sat.

Fares: \$2.00 per person; \$.50 per bike
Weekly and monthly passes available.

Harbor Excursion ferry is a privately operated service providing alternative transportation between the communities of San Diego and Coronado Island. The service operates all year on the San Diego Harbor. Trip time is 15 minutes each way. The company utilizes one of six vessels in its fleet. One example vessel has a passenger capacity in excess of 300 passengers.

##

Northwest Region

Washington

1. Washington State Ferries (Nine Routes)

U.H.I. ID# 167

UHI Area: Northwest

Address:

801 Alaska Way/Coleman Dock /Pier 5
Seattle, WA 98104-1487

Telephone: (206) 464-6400

Fax: (206) 465-5482

Contact: Paul Green, Assistant Secretary of Transportation

Number of Vessels: Twenty Five **Number of Routes:** Nine

Schedule: For the first route the hours are 6:20 A.M. to 10:35 P.M., hours for the second route are 5:30 A.M. to 1:50 P.M., hours for the third route are 5:25 A.M. to 10:30 P.M., hours for the fourth route are 6:20 A.M. to 2:20 P.M., hours for the fifth route are 5:50 A.M. to 10:45 P.M., hours for the sixth route are 5:05 A.M. to 1:00 P.M. and the hours for the seventh route are 7:00 A.M. to 9:30 P.M.

Fare: The fares vary for each route and range from: \$2.15, for passenger and \$7.50 for a car and driver, for the first route (round trip) to \$6.05 for passengers and \$26.05 for car and driver on the ninth route. Passengers should check with authorities prior to travel.

Washington State Ferry System is a publicly operated ferry providing service on the Puget Sound daily, all year round. It serves a population of approximately 1.68 million people. The service originates at points in Seattle, Fauntleroy, Edmonds and Pt. Defiance WA to Vashon, Kingstown, Winslow, Bemerton, Southworth Tahlequah, WA. Trip times range from 5 to 50 minutes. The system utilizes 25 conventional passenger vessels with various capacity levels including: two vessels with 2,000 passengers and 206 vehicles, four vessels with capacity for 2,500 passengers and 160 vehicles, two with a capacity of 1,140 passengers and 100 vehicles, 1,000 passengers and 100 vehicles., Six boats with a capacity of 1,200 passengers and 100 vehicles, 665 passengers and 75 vehicles, two boats have a capacity of 800 passengers and 75 vehicles, 668 passengers and 75 vehicles, 605 passengers and 55 vehicles, 546 passengers and 65 vehicles, 200 passengers and 40 vehicles, and three boats have a capacity of 250 passengers.

##

2. Westport Ocean Shores Passenger Ferry

UHI-ID#11 & UHI ID#178

UHI Area: Northwest

Address:

P.O. Box 1448
Westport, WA 98595

Telephone: (206) 268-0076
Contact: Mr. Bill Walsh, Owner
Number of Vessels: One **Number of Routes:** One
Schedule: 10:15 A.M. - 6:30 P.M.
Fares: Passengers \$8.00 (round trip)

Westport Ocean Shores Passenger Ferry is a privately owned ferry operating on Grays Harbor serving an area with a population of approximately 30,000 people. The ferry operates from Westport, WA to Oceanshore, WA. Trip time is 25 minutes. The company utilizes one vessel with a capacity of 71 passengers.

##

3. Lake Chelan Boat Company (Two Routes)

UHI-ID# 183

UHI Area: Northwest

Address:

1418 West Woodin Ave., P.O. Box 186
Chelan, WA 98816

Telephone: (509) 682-2012
Fax: (509) 682-5872
Contact: Ms. Cindy Engstrom, Office Manager
Number of Vessels: Four **Number of Routes:** Two
Schedules: The first route makes 8:30 A.M. - 8:30 P.M.
and 10:00 A.M. - 3:00 P.M.
Fares: Adult \$21.00, children \$10.50 (round trip)
Fares for the second route are; adults
\$38.00, children \$19.00 (round trip)

Lake Chelan Boat Company is privately owned, serving an area with a population of approximately 3,000 people. The ferry operates all year on Lake Chelan, from Chelan., WA to Lucerne, Fields Point and Stehekin. The trip takes four hours. The company utilizes three vessels with capacities of 350 and 150 passengers and one self propelled barge.

##

4. Lummi Island Ferry & Department of Public Works

UHI-ID# 176 **UHI Area:** Northwest

Address:

316 Lottie Street
Bellingham, WA 98225

Telephone: (206) 676-6863

Fax: (206) 738-2521

Contact: Mr. Paul Rushing, Director of Public Works

Number of Vessels: One **Number of Routes:** One

Schedule: 5:30 A.M. - 12:35

Fares: Cars \$3.25, passengers \$1.50, trailers under
10 feet \$2.25, pickup campers under 8000 lbs.
\$3.25, RVs 8000 lbs and over \$6.50.

Lummi Island Ferry is a public ferry that operates all year, serving an area with a population of approximately 45,000 people. The ferry operates on Puget Sound between Bellingham and Lummi Island. Trip time is five minutes. The system utilizes one vessel with a capacity of 103 passengers and 22 vehicles.

##

5. Arrow Launch Service

UHI-ID# 32 **UHI Area:** Northwest

Address:

P.O. Box 2376
Port Angeles, WA 98362

Telephone: (206) 457-1544

Contact: Mr. Jack Harmon, Owner

Number of Vessels: One **Number of Routes:** One

Schedule: 8:00 A.M. - 8:00 P.M.

Fares: Adults \$20.00, children \$10.00, senior
citizens \$18.00 (round trip)

Arrow Launch Service is a privately owned ferry operating on the Straits of Juan De Fuca, serving an area with a population of approximately 20,000 people. The service operates between Port Angeles, WA and Victoria B.C..The company has one conventional passenger vessel with a capacity of 148 passengers.

##

6. Pierce County Ferry

UHI-ID# 186

UHI Area: Northwest

Address:

Pierce County Public Works Department
2401 S. 35th St., Rm. 150
Tacoma, WA 98409

Telephone: (206) 591-7250
Fax: (206) 596-2740
Contact: Mr. Chris Beckman, Transportation Engineer
Number of Vessels: Two **Number of Routes:** One
Schedule: 6:00 A.M. - 6:00 P.M.
Fare: Adults, \$2.20, children \$1.15, student
\$2.00, senior citizens and disabled \$1.10,
car and driver \$7.50 (one way).

Pierce County Public Works operates a public ferry on Puget Sound, serving an area with a population of approximately 8,600 people. The service operates from Steilacoom, WA to Anderson Island with a stop at Ketrone Island. Trip time is 20 minutes. The system utilizes two vessels with capacities of 149 passengers and 30 vehicles and 250 passengers and 54 vehicles.

##

6. Guemes Island Ferry

UHI-ID#181

UHI Area: Northwest

Address:

Skagit County Department of Public Works
700 South Second Street
Mount Vernon, WA 98273

Telephone: (206) 336-9400
Fax: (206) 293-1899
Contact: Mr. Robin Larue, Assistant Director
Number of Vessels: One **Number of Routes:** One
Schedule: 6:30 A.M. - 12:00 P.M.
Fares: Adults \$1.20, students \$.45, car and driver
\$5.20 (one way)

Guemes Island Ferry is a public ferry operating year around, serving an area with a population of approximately 9,000 people. The service operates on Guemes Channel between Anacortes and Guemes Island. Trip time is seven minutes. The system utilizes one self propelled barge with a capacity of 99 passengers and 22 vehicles.

##

7. Clipper Navigation, Inc. (Two Routes)

UHI-ID# 74 **UHI Area:** Northwest

Address:

2701 Alaskan Way, Pier 69
Seattle, WA 98121

Telephone: (206) 443-2560

Fax: (206) 443-2583

Contact: Mr. Darell E. Bryan, Vice President

Number of Vessels: Four **Number of Routes:** Two

Schedule: The hours for the first route are: 7:30 A.M. - 7:30 P.M. The hours for the second route are: 8:00 A.M. - 8:00 P.M.

Fare: Adult \$79.00, children \$39.00, senior citizens \$69.00 (round trip). The second route fares are adult \$39.00, children and senior citizens \$34.00,(one way). The fares round trip for the second route are as follows: adult \$55.00, students and senior citizens \$48.00.

Clipper Navigation is a privately owned ferry operating all year serving a population of approximately 555,000 people. The ferry operates on Puget Sound, between Seattle, WA and Victoria , BC. Trip time is two hours and thirty minutes. The company has four conventional passenger vessels with a capacity of 300, 324, 239, and 49 passengers.

##

8. The Inchelium/Gifford Ferry

UHI-ID# 184 **UHI Area:** Northwest

Address:

Bureau of Indian Affairs, Colville Indian Agency
P.O. Box 111
Nespelem, WA 99155

Telephone: (509) 634-4711

Fax: (509) 634-4129

Contact: Mr. Wayne Kensler, Road Supervisor

Number of Vessels: One **Number of Routes:** One

Schedule: 6:30 A.M. - 9:45 P.M.

Fare: Free

Inchelium Gifford Ferry is a public ferry operating all year, serving an area with a population of approximately 110,000 people. The ferry operates on the Columbia River between Inchelium, WA and Gifford, WA. Trip time is five minutes. The system utilizes one vessel with a capacity of 55 passengers and 16 vehicles.

##

9. Horluck Transportation Co. Inc. (Two Routes)

UHI-ID# 185

UHI Area: Northwest

Address:

73 Sidney, Box 87
Seattle, WA 98366

Telephone: (206) 876-2300

Contact: Mr. Albert Lieske, President

Number of Vessels: Five **Number of Routes:** Two

Schedules: The hours for the first route are: 6:00 A.M. to 12:45 . The hours for the second route are: 6:15 A.M. to 5:00 P.M.

Fare: Adults, senior citizens and disabled \$.70, children \$.45 (one way).

Horluck is a privately owned ferry operating on Port Orchard Bay, serving an area with a population of approximately 50,000 people. The company utilizes five conventional passenger vessels with capacities of 80, 80, 147, 296, and 147 passengers.

##

10. BLACK BALL TRANSPORT, INC.

UHI ID#:

UHI Area: Northwest

Address:

10777 Main Street, Ste 106
Bellevue, WA 98004

Telephone: (206) 622-2222

Contact: Lois Acheson

Number of Vessels: One **Number of Routes:** One

Schedules: Port Angeles / Victoria

Mar 12 to May 13 -	8:20AM	10:30AM
	2:00PM	4:00PM
May 14 to Oct 7	8:20AM	6:20AM
	12:45AM	10:30AM
	5:15PM	3:00PM
	9:30PM	7:30PM
Oct 8 to Nov 30	8:20AM	10:30AM
	2:00PM	4:00PM

Fare: Passengers - \$6.25; Children - \$3.15 (5 to 11)
Autos - \$25.00; Campers - \$25.00; Trailers - \$2.25/ft; Bicycles - \$3.00; Motorcycles & passenger \$15.50

Black Ball Transport, Inc. operates a privately owned ferry service between Port Angeles, WA and Victoria, B.C. Canada. The company utilizes one vessel with the capability to handle 1,000 passengers and 110 vehicles. The ferry operates from two to four times per day from each location depending upon the season. Trip time is one hour and thirty-five minutes.

##

Oregon

1. Marion County Road Department Wheatland & Buena Vista Ferries (Two Routes)

UHI-ID# 44

UHI Area: Northwest

Address:

5155 Silverton Road, NE
Salem, OR 97305-3899

Telephone: (503) 588-5304

Fax: (503) 588-5609

Contact: Mr. Sam Stedman
Bridges and Ferries Supervisor

Number of Vessels: Two **Number of Routes:** Two

Schedule: 6:00 A.M. - 10:00 P.M. and 7:00 - 10:00 P.M.

Fares: Cars \$.75 (one way)

Wheatland & Buena Vista ferries are operated by public ferry operates all year, weather permitting, serving an area with a population of approximately 108,000 people. The ferries operate on the Willamette River crossing from Salem to Yamhill Co. and Salem to Polk Co.,. Trip times are three and five minutes. The company utilizes two self propelled barges with capacities of 28 passengers and 6 vehicles and 28 passengers and 4 vehicles.

##

2. Clackamas County Department of Public Affairs

UHI-ID# 12

UHI Area: Northwest

Address:

902 Abernethy Road
Oregon City, OR 97045

Telephone: (503) 655-8521

Fax: (503) 650-3351

Contact: Mr. Rod Raney
Bridge Maintenance Manager

Number of Vessels: One **Number of Routes:** One

Schedule: 6:45 A.M. - 9:15 P.M.

Fares: Cars \$1.00 (round trip)

Clackamas County operates a public ferry year around, weather permitting, serving an area with a population of approximately 7,600 people. The ferry operates on the Willamette River between Canby and Wilsonville. Trip time is five minutes. The system utilizes one self propelled barge with a capacity of 26 passengers and 4 vehicles.

##

ALASKA

1. Alaska Marine Highway System (Two Routes)

UHI-ID# 45

UHI Area: Northwest

Address:

1591 Glacier Avenue
Juneau, AK 99801

Telephone: (907) 465-3955

Fax: (907) 465-2476

Contact: George Foster, Manager

Number of Vessels: Eight **Number of Routes:** Two
major routes with multiple stops and feeder services. Call for information.

Schedule: This service runs 24 hours a day, however, reduced schedules in the Southeast and cessation of operations in the Southwest make it is advisable to contact the company for specific times and departure sites.

Fares: Vary based upon destination and route.

Alaska Marine Highway System is a public ferry system operating year round serving the coast of Alaska and outer islands. Routes are divided into Southeast & Southwest with additional feeder routes from the Southeastern route. The ferries operate from Washington State, through British Columbia on to Alaska and in the Prince William sound to the Alaskan peninsula and the Aluetian Islands, stopping at 23 different locations. The system utilizes eight large passenger and vehicle ferries, the four largest in the Southeastern route.

##

2. Narrows Company, Inc.

UHI-ID# 14

UHI Area: Northwest

Address:

P.O. Box 6409
Halibut Cove, AK 99603

Telephone: (907) 296-2207

Fax: (907) 296-2215

Contact: Mr. Clem Tillion

Number of Vessels: Two **Number of Routes:** One

Schedule: During the summer months there are three trips a day, during the winter months there are two trips a day.

Fares: Adults \$35.00 (one way)

Narrows Company is a privately owned ferry operating on Katchemak Bay and Cook Inlet. The company utilizes has two vessels with capacities of 49 and 34 passengers.

##

CHAPTER 4

DATA BASE EXTRACTS AND GENERAL FERRY INFORMATION

THE URBAN HARBORS INSTITUTE'S NATIONAL FERRY DATA BASE

CHAPTER 4 - DATA BASE EXTRACTS & GENERAL FERRY INFORMATION

4.0 Chapter 4 - Data Base Extracts and General Ferry Data Reports

4.1 Introduction

The National Ferry Data Base includes a collection of over 2,400 items of information on ferry systems throughout the United States. This information is retrievable in both the format in which it was received and in various report formats. Report formats can be provided from the basic data base in the general report form produced by the Urban Harbors Institute, or customized, within the parameters of the data base, based upon the requirements of the individuals requesting the information.

Chapter 4 - Data Base Extracts and General Ferry Data Reports, provides the reader with a sampling of two of the three methods of retrieval: first, sample extracts from the data base are presented in the format in which the information was entered into the data base from the questionnaire and, second, a selection of reports in general ferry industry report formats. The selection, 25 sample reports, was designed by the Urban Harbors Institute computer staff.

4.2 Report Extracts

Urban Harbors Institute has selected report extracts from each of the seven regional areas. Sample report extracts have been printed and included for the following ferry systems:

<u>Area</u>	<u>Ferry System</u>
Portland, ME	Casco Bay Island Transit District
Burlington, VT	Lake Champlain Transportation Co.
Woods Hole, MA	Woods Hole, Martha's Vineyard and Nantucket Steamship Line
Hyannis, MA	Hyannis Harbor Tours, Inc.
New York, NY	New York City Dept. of Transportation - Staten Island Ferry
Port Jefferson, NY	Bridgeport/Port Jefferson Ferry
Sayville, NY	Sayville Ferry Service, Inc.
Atlantic Highlands, NJ	Express Navigation, Inc.
Cape May, NJ	Cape May - Lewes Ferry
Norfolk, VA	Tidewater Regional Transit

Ahoskie, NC	North Carolina Department of Transportation - Div 1
Georgetown, SC	South Carolina Department of Highways
Palatka, FL	Drayton Island Ferry
Bowling Green, KY	Kentucky Department of Highways District 1
Nashville, TN	Tennessee Department of Transportation
Gordonfield, TN	Smith County Highway Department
New Orleans, LA	LA DOTD/Crescent City Connection
Convent, LA	St. James Parish Council-Lutcher Vacherie Ferry
Mission, TX	Los Ebanos Ferry
Put-In-Bay, OH	Jet Express/Put-In-Bay Boat Line
Mackinaw City, MI	Shepler's Mackinac Island Ferry Service
Boyne City, MI	Charlevoix County Road Commission
Washington Island, WI	Washington Island Ferry Line
Madison, WI	Wisconsin Department of Transportation
Chinook, MT	Blaine County Road department
Rio Vista, CA	Department of Transportation/CALTRANS
San Francisco, CA	Golden Gate Bridge, Highway & Transportation District
San Pedro, CA	Catalina Channel Express, Inc.
Balboa Island, CA	Balboa Island Ferry
Seattle, WA	Washington State Ferries
Seattle, WA	Clipper Navigation
Westport, WA	Westport Ocean Shores Passenger Ferry

4.3 General Industry Data Base Reports

UHI has written a total of 175 reports which massage and extract specifically targeted data from the data base compiling information on the general ferry industry. A basic number of national reports, 25, were printed for this report. Each of the 25 national reports is replacated for each of the seven regional areas and are available in the data base.

The Urban Harbors Institute's National Ferry Data Base covers public and private ferry operations in seven regional areas and 35 States. The institute collected data on 168 ferry systems (organizations), 72 publicly controlled and 96 privately controlled.

These 168 systems provide waterborne passenger transportation along 264 routes, 128 of which were publicly operated and 136 of which were privately operated. The 168 ferry systems taking part in this survey, operated a total of 464 vessels of conventional hull, catamaran design or barge configuration.

The reports compiled from the data base by the Urban Harbors Institute utilized as examples of the potential resources available in this report, cover selected information from three main categories: route and landside information, passenger volume information and vessel operating information. The 25 reports do not represent the entire scope of the data base.

Based upon the responses of the organizations taking part in the survey, the data base indicates that the total passengers handled annually is over 67.9m passengers in the United States. Urban Harbors Institute also asked ferry operators to identify their passenger totals in different forms. With regard to the breakdown of a level of passenger volume per route they served, over 49% of the operators taking part in this survey did not respond to this question. The systems that did respond handled 40,000 or more passengers per year per route. The 88 routes that handle the 40,000 or more passengers, represents over 65% of the 134 routes that actually reported.

REPORT 1-

OPERATING INFORMATION-ANNUAL TOTAL PASSENGERS		
PASSENGERS	ROUTES	PERCENT
(01-9,999)	25	18.66
(10,000-19,999)	8	5.97
(20,000-29,999)	11 th	8.21
(30,000-39,999)	2	1.49
(40,000-UP)	88	65.67
TOTAL	134	100

TOTAL ANNUAL PASSENGERS OF REPORTING COMPANIES: 67,992,168

TOTAL NOT REPORTING: 130

PERCENTAGE NOT REPORTING:49.24

UHI asked operators to list passenger totals in relation to a breakdown of ridership by categories. Most companies, again, could not, or failed to, respond to this question. Of the total companies (168 surveyed), 114 did not respond to this question. Approximately 3.11% actually did respond with a reportable breakdown of the ridership categories. The annual passenger total represented by this response, was a total 1/6th (10,223,398).of the actual total annual passengers reported above (67.9m). This does not represent a discrepancy in the data base, however, it does represent either a reluctance on the part of the companies to respond or, the fact that ferry operators do not keep accurate counts by categories.

Of the total number of companies reporting a breakdown by categories, over 89% of the passengers, just over 9.1m, were adults, 5% children and 3.8% were senior citizens. Approximately .36% of this total were disabled. The average number of passengers handled annually by each of the responding companies in this category, totaled 189,000 per company.

REPORT 2-

CATEGORY NAME	RIDERSHIP PERCENTAGES	
	TOTAL OF RIDERSHIP	PERCENT OF TOTAL OF RIDERSHIP
ADULTS	9110354	89.11
CHILDREN	516342	5.05
STUDENT	168210	1.65
SENIOR CITIZENS	391778	3.83
HANDICAPPED/DISABLED	<u>36714</u>	<u>0.36</u>
TOTAL	10223398	100

TOTAL COMPANIES SURVEYED: 168

TOTAL COMPANIES NOT REPORTING: 114

PERCENT OF COMPANIES REPORTING BREAKDOWN: 3.11

AVERAGE RIDERSHIP BY EACH REPORTING COMPANY: 189322.19

Urban Harbors Institute asked each company to respond to categories concerning the 264 ferry routes and most did. Referring to the body of water that they operate upon, approximately 40% of those responding indicated that they operated on rivers, 26% indicated they operated on bays and 11% operated on lakes. Other categories listed included: oceans, inlets and inner harbors. These three bodies of water represented approximately 8.5%, 7.1% and 5.7% respectively.

REPORT 3-

CATEGORY	BODY OF WATER SERVED	
	SERVICEROUTE	PERCENT
INNER HARBOR	16	5.71
RIVER	114	40.71
LAKE	33	11.79
BAY	73	26.07
OCEAN	24	8.57
INLET	<u>20</u>	<u>7.14</u>
TOTAL	280	100.00

Companies responded to UHI's question concerning the land mass connections between their routes, indicating that over 31% served points on either side of a river and 43% served mainland to island points. The remainder served island to island, cross harbor, lake port to lake port and coastal service. A number of companies indicated that they serviced more than one of the land mass combinations offered.

REPORT 4-

LAND MASS CONNECTION		
CATEGORY	SERVICE ROUTES	PERCENTAGE
ISLAND TO ISLAND	18	6.92
MAINLAND TO ISLAND	112	43.08
COASTAL	12	4.62
CROSS RIVER	81	31.15
CROSS HARBOR	4	1.54
LAKE PORT TO LAKE PORT	15	5.77
OTHER	<u>18</u>	<u>6.92</u>
TOTAL	260	100

TOTAL NUMBER OF COMPANIES: 168

In response to the question concerning the number of routes each system operated, slightly more than 69%, 116 of the 168 companies surveyed, indicated that they served one route. Approximately 19.6% indicated that they served two routes and approximately 6% indicated that they served three routes. None of the companies operated more than 10 routes, however, the Alaska Marine Highway System listed an infinite number of port combinations within the two main sections of their service. With all companies responding to this question, the average number of routes per system was 2.64.

REPORT 5-

NUMBER OF ROUTES	SERVICE ROUTES NUMBER OF COMPANIES	PERCENT OF COMPANIES
1 ROUTE	116	69.05
2 ROUTES	33	19.64
3 ROUTES	10	5.95
4 ROUTES	3	1.79
5 ROUTES	1	0.60
6 ROUTES	2	1.19
7 ROUTES	1	0.60
8 ROUTES	1	0.60
9 ROUTES	1	0.60
10 ROUTES	<u>0</u>	<u>0</u>
TOTAL	168	100

TOTAL NUMBER OF FERRY ROUTES: 264

AVERAGE NUMBER OF ROUTES PER COMPANY: 1.57

UHI requested that each company responding, provide the distance between each of their routes and list the number of annual miles per vessel per route. With all companies reporting on the range of each of their routes, the majority reported operating upon routes of no more than ten miles. The majority, 59.4%, 157 ferry routes, fell between zero and ten miles. Approximately 12%, 27 routes, are between 10.01 and 20 miles long. Fifty companies failed to respond to this question.

REPORT 6-

OPERATING INFORMATION-ROUTE DISTANCE		
RANGE (MILES)	ROUTES	PERCENT
(UP TO 10.00)	157	73.36
(10.01-20.00)	27	12.62
(20.01-30.00)	12	5.61
(30.01-90.00)	12	5.61
(90.01-UP)	<u>6</u>	<u>2.80</u>
TOTAL	214	100

TOTAL OF NOT REPORTING: 50

PERCENTAGE OF NOT REPORTING: 18.94

Over 170 routes were not reported under the category, Annual Total Vessel Miles Per Route, however, of those 90 routes that were reported, vessels on 34 routes or 37.7%, operated between one and 9,999 miles annually. Vessels on 44 routes or 48.8%, operated between 10,000 and 99,000 miles per year. Vessels on 12 routes, 13.2% of the routes, operated more than 100,000 per vessel per route

REPORT 6a-

OPERATING INFORMATION-ANNUAL VESSEL MILES PER ROUTE		
RANGE(miles)	ROUTES	PERCENT
(01-9,999)	34	37.78
(10,000-99,999)	44	48.89
(100,000-199,999)	6	6.67
(200,000-299,999)	4	4.44
(300,000-UP)	<u>2</u>	<u>2.22</u>
TOTAL	90	100

In response to the question concerning the operating time per route and the annual vessel hours operated per route, approximately 46% of the routes, (118 of 264) were indicated as being between one and 15 minutes in duration. Almost 20%, 52 routes, take between 16 and 30 minutes from point to point, while 13% are between 31 and 60 minutes. Slightly over 10% of the routes reported an operating time between one and two hours.

REPORT 7-

OPERATING INFORMATION-TRIP TIME		
RANGE (MINUTES)	ROUTES	PERCENT
(01-15)	118	46.83
(16-30)	52	20.63
(31-60)	34	13.49
(61-120)	27	10.71
(121-180)	12	4.76
(181-240)	4	1.59
(241-UP)	<u>5</u>	<u>1.98</u>
TOTAL	252	100

TOTAL NOT REPORTING: 12

PERCENTAGE NOT REPORTING: 4.55

Vessels on 44 routes, 42.7%, operated between one and 2,999 hours per year. Vessels operating on 31 routes operated between 3,000 and 5,999 hours per year. Slightly over 14.5% of the routes operated up to 20,000 hours.

REPORT 7a-

OPERATING INFORMATION-ANNUAL VESSEL HOURS		
RANGE (HOURS)	ROUTES	PERCENT
(01-2,999)	44	42.72
(3,000-5,999)	31	30.10
(6,000-9,999)	11	10.68
(10,000-19,999)	15	14.56
(20,000-29,999)	1	0.97
(30,000-39,999)	0	0
(40,000-UP)	1	0.97
TOTAL	103	100

TOTAL NOT REPORTING: 161
 PERCENTAGE NOT REPORTING: 60.98

Urban Harbors Institute requested a great deal of information on each of the vessels operated by the ferry systems surveyed. Specific listings by vessel type, vessel dimensions, vessels capacities and a breakdown by route were listed. We counted 462 passenger carrying vessels. We listed conventional passenger vessels, catamarans, hydrofoils, hovercraft and self propelled and non-self propelled barges as the vessels styles we wished to concentrate upon. Not surprisingly, conventional hull, passenger/vehicle ferries represented the overwhelming percentage of the present vessel population in the United States. Respondents reported that 377 of the 462 vessels (81.6%) are conventional passenger vessels. Many of the systems reported operating barges. A total of 73 barges, 15.8% of the 462 vessels, were reported. Based upon the heightening interest in fast ferries, UHI saw an increase in the number of catamarans operating during the course of the study, however, the final total, 13, represents only 2.8% of the total vessels reported to us. There were no hydrofoils or hovercraft reported.

REPORT 8-

VESSEL TYPE	NUMBER OF VESSELS	PERCENT OF VESSELS
CONVENTIONAL PASSENGER	377	81.60
CATAMARAN	12	2.60
HYDROFOIL	0	0
HOVERCRAFT	0	0
BARGE	73	15.80
TOTAL	462	100

TOTAL NOT REPORTING: 4
 PERCENTAGE NOT REPORTING: 0.86

UHI was interested in the relative age of today's fleet of passenger and or passenger/vehicle ferries. The majority of the vessels in service today were built between 1961 and the present (a total of 273 of 381 reported). Between 1961 and 1980, 143 or 37.5% were placed into service while 130 vessels, 34% were built between 1981 and 1992.

REPORT 9 -

NUMBER OF VESSELS BUILT PER YEAR		
YEAR RANGE	NUMBER OF VESSELS	PERCENTAGE
1900-20	3	0.79
1921-40	20	5.25
1941-60	85	22.31
1961-80	143	37.53
OVER 1981	<u>130</u>	<u>34.12</u>
TOTAL	381	100

TOTAL NOT REPORTING:85
 PERCENTAGE NOT REPORTING:18.24

Since conventional hulled vessels represent the lions share of the fleet, it stands to reason that an overwhelming number of companies operate them. Conventional hull vessels are owned and operated by 105 (64%) of the 168 companies responding. Responses also indicate that seven companies, 4.27%, own catamarans and that 52 companies (30.9%) operate barges.

REPORT 10 -

VESSEL TYPE PER COMPANY		
CATEGORY NAME	NUMBER OF COMPANIES	PERCENT OF COMPANIES
CONVENTIONAL PASSENGER	105	64.02
CATAMARAN	7	4.27
HYDROFOIL	0	0
HOVERCRAFT	0	0
SELF PROPELLED BARGE	26	15.85
NON_SELF PROPELLED BARGE	<u>26</u>	<u>15.85</u>
TOTAL	164	100

TOTAL REPORTING: 4
 PERCENTAGE NOT REPORTING: 2.38

Just over 8.3% of the vessels reported are less than 50' long. The dominant length range was the 50' to 99' category, 47.5%, with 176 vessels reported. Approximately 29% or 110 ferries were between 100' and 200' and 53 ferries were reported to be over 201 feet in length.

REPORT 11 -

NUMBER OF VESSELS BY LENGTH		
LENGTH RANGE (feet)	NUMBER OF VESSELS	PERCENTAGE
LESS THAN 49'	31	8.38
50' TO 99'	176	47.57
100' TO 200'	110	29.73
201' TO 300'	26	7.03
OVER 301'	<u>27</u>	<u>7.30</u>
TOTAL	370	100

TOTAL NOT REPORTING: 96
 PERCENTAGE NOT REPORTING: 20.60

REPORT 11a -

VESSEL LENGTH PER TYPE					
LENGTH(ft.)	CONVENTIONAL PASSENGER	CATAMARAN	HYDROFOIL & HOVERCRAFT	BARGE	TOTAL
0-49	21	0	0	10	31
50-99	123	6	0	44	173
100-200	100	4	0	6	110
201-UP	<u>52</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>53</u>
TOTAL	296	10	0	61	367

TOTAL VESSELS NOT REPORTING:99
 TOTAL NUMBER OF VESSELS: 466

UHI requested that each company list their vessel tonnage and separated the responses based upon U.S. Coast Guard Subchapter T and Subchapter H guidelines. A large number of companies, just under one third, failed to respond to this category. A total of 323 vessels were represented in responses, however. Some 194 were listed with tonnage classifying them as Subchapter T. Some 129 as Subchapter H. Based upon these totals, 60% of the fleet was Subchapter T, 40%, Subchapter H.

REPORT 12 -

VESSEL TONNAGE						
RANGE	CONVENTIONAL PASSENGER	CATAMARAN	HYDROFOIL & HOVERCRAFT	BARGE	TOTAL	PERCENT
1-99	141	4	0	49	194	41.63
100-UP	<u>122</u>	<u>3</u>	<u>0</u>	<u>4</u>	<u>129</u>	<u>27.68</u>
TOTAL	263	7	0	53	323	69.31

TOTAL VESSELS NOT REPORTING: 143
 PERCENTAGE: 30.69

U.S. Coast Guard regulations also divides Subchapter T vessels into S & L categories. Based upon the responses, 141 conventional vessels were T Boats, 77 S and 64 L classification. Of the four catamarans responding to this question, one was an S classification, three L classification. Approximately 35 barges were less than 99 tons and less than 65 feet long, 14 were more than 65 feet long.

REPORT 12a -

LESS THAN 99	VESSEL TONNAGE			
	CONVENTIONAL PASSENGER	CATAMARAN	HOVERCRAFT HYDROFOIL	BARGE
Less 65 ft	77	1	0	35
More 65 ft	<u>64</u>	<u>3</u>	<u>0</u>	<u>14</u>
TOTAL	141	4	0	49

Again, a large number of companies did not respond in this category, however, of those that did, 23 vessels were listed with tonnage between 2,001 and 3,000 tons. Nine vessels were listed over 3,000 tons. The predominant number, 194, were listed between one and 99 tons.

REPORT 12b -

RANGE	VESSEL TONNAGE			
	CONVENTIONAL PASSENGER	CATAMARAN	HOVERCRAFT HYDROFOIL	BARGE
1-99	141	4	0	49
100-500	51	2	0	2
501-1000	21	0	0	2
1001-1500	15	0	0	0
1501-2000	3	0	0	0
2001-3000	23	0	0	0
3001-UP	<u>9</u>	<u>1</u>	<u>0</u>	<u>0</u>
TOTAL	263	7	0	53

TOTAL VESSELS THAT DID NOT REPORT VESSEL TONNAGE: 143

UHI requested information on the number of passengers per vessel. Over 17.4 percent, 74 of the vessels were reported to have a passenger capacity between one and 49 passengers. Vessel operators reported that 95 vessels had passenger capacity between 50 and 149 passengers and 63 reported a capacity between 150 and 199 passengers. Over 41.2% reported passenger capacity over 250.

REPORT 13 -

NUMBER OF VESSELS BY PASSENGER CAPACITY		
PASSENGERS	NUMBER OF VESSELS	NUMBER OF PERCENTAGE
1 - 49	74	17.45
50 - 149	95	22.41
150 - 199	63	14.86
200 - 249	17	4.01
250 - UP	<u>175</u>	<u>41.27</u>
TOTAL	424	100

TOTAL VESSELS NOT INDICATING PASSENGER CAPACITY:34
 OVERALL NUMBER OF VESSELS NOT REPORTING:8
 PERCENTAGE OF VESSELS NOT REPORTING:1.72
 OVERALL NUMBER OF VESSELS:466

Reporting on passenger capacity by vessel design type, 74 conventional vessels and barges reported in the 0 to 49 passenger range. In the 50 to 149 passenger capacity, 71 conventional vessels, four catamarans and 19 barges was reported. In the range between 150 and 199 passengers, 60 vessels were reported, 17 vessels between 200 and 249 and 173 vessels have a capacity over 250 passengers.

REPORT 13a -

PASSENGER CAPACITY PER VESSEL TYPE					
PASSENGERS	CONVENTIONAL		HYDROFOIL &		TOTAL
	PASSENGER	CATAMARAN	HOVERCRAFT	BARGE	
1-49	41	0	0	33	74
50-149	71	4	0	19	94
150-199	60	0	0	1	61
200-249	15	2	0	0	17
<u>250-UP</u>	<u>163</u>	<u>6</u>	<u>0</u>	<u>5</u>	<u>174</u>
TOTAL	350	12	0	58	420

OVERALL NUMBER OF VESSELS: 466
 TOTAL VESSELS NOT REPORTING VESSEL TYPE: 4
 TOTAL VESSELS NOT INDICATING PASSENGER CAPACITY: 34
 TOTAL VESSELS NOT REPORTING PASSENGER CAPACITY: 8

UHI also requested information from those operators offering vehicle carrying capacity. A total of 221 reported not handling vehicles when responding to this question. Vessel operators indicate that 175 of the conventional hull vessels and 64 of their barges handle from one to over 50 vehicles. A combination of either no vehicle capacity or none reporting was noted on 152 of the 264 ferry routes. On the remaining 112 routes, vessels on 16 routes carried between one and 9,999 vehicles annually. Vessels on over 50% of the routes, carried between 10,000 and 99,000 vehicles. On 26 routes, vessels carried between 100,000 and 499,999 vehicles and on 14 routes, vessels carried over 500,000 vehicles.

REPORT 14 -

OPERATING INFORMATION-ANNUAL TOTAL VEHICLES CARRIED		
VEHICLES	ROUTES	PERCENT
(1-9,999)	16	14.29
(10,000-99,999)	56	50
(100,000-499,999)	26	23.21
(500,000-999,999)	6	5.36
(1,000,000-UP)	<u>8</u>	<u>7.14</u>
TOTAL	112	100

TOTAL ROUTES NOT REPORTED: 152

PERCENTAGE OF TOTAL ROUTES NOT REPORTED: 57.58

REPORT 14a -

VEHICLES	VEHICLE CAPACITY				TOTAL
	CONVENTIONAL PASSENGER	CATAMARAN	HYDROFOIL & HOVERCRAFT	BARGE	
NONE	201	12	0	8	221
1-10	26	0	0	45	71
11-20	37	0	0	14	51
21-30	29	0	0	3	32
31-40	17	0	0	1	18
41-50	12	0	0	0	12
51-UP	<u>54</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>55</u>
TOTAL	376	12	0	72	460

TOTAL VESSELS NOT REPORTING: 6

The survey requested that vessel operators specify the number of crew members they employ per vessel type. Operators reported that they utilized one to five crew members on 180 conventional style vessels, 6 to 10 members on 43 vessels, 11 to 15 on 15 vessels and 16 or more on 12 conventional vessels. Five catamaran operators indicated that they used a crew of one to five members, 6 to 10 members on 2 and 11 to 15 on one cat (?). The greatest number of barges, 53, used between one to five crew members.

REPORT 15 -

RANGE	VESSEL CAPACITY - CREW REQUIREMENTS			
	CONVENTIONAL PASSENGER	CATAMARAN	HYDROFOIL	HOVERCRAFT BARGE
(1-5)	180	5	0	53
(6-10)	43	2	0	2
(11-15)	15	1	0	0
(16-20)	3	0	0	0
(21-25)	3	0	0	0
(26-UP)	<u>6</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	250	8	0	55

TOTAL VESSELS THAT DO NOT INDICATE CREW REQUIREMENT: 153

UHI was also interested in developing information on the landside interface of the ferry operators. This included information on the terminals they operate from, the landside competition they face and the intermodal connections available to their customers. Reporting on the competing commuter services they must deal with, companies indicated that they did not face this competition on 102 routes of the 264. Fifty-five routes reported competition with buses, fifteen with commuter rail, twelve with light rail and eighty said that their greatest competition was privately owned motor vehicles. A number of those responding to this question, indicated that they were competing against more than one of the landside commuter services. A percentage of those not reporting, have no landside competition.

REPORT 16-

<u>COMPETING COMMUTER SERVICES</u>		
<u>CATEGORY</u>	<u>NUMBER OF ROUTES</u>	<u>PERCENT OF ROUTES</u>
BUS	55	33.95
COMMUTER RAIL	15	9.26
LIGHT RAIL	12	7.41
PRIVATELY OWNED VEHICLE	<u>80</u>	<u>49.38</u>
TOTAL	162	100

TOTAL NOT REPORTING: 102
 PERCENTAGE NOT REPORTING: 38.64

Respondents to the data base reported on a total of 357 ferry terminals, an average of 2.1 per ferry system. Of the 168 ferry companies, 127 or 81.9% utilized a total of two terminals, 12.9% utilized three to four terminals, 3.2% utilized five to six terminals and 1.9% utilized seven or more terminals.

REPORT 17-

<u>TERMINALS</u>		
<u>NUMBER OF TERMINALS/ COMPANY</u>	<u>NUMBER OF COMPANIES</u>	<u>PERCENT</u>
(1 - 2)	127	81.94
(3 - 4)	20	12.90
(5 - 6)	5	3.23
(7 - UP)	<u>3</u>	<u>1.94</u>
TOTAL	155	100.00

TOTAL NOT REPORTING: 13
 PERCENTAGE OF COMPANIES NOT REPORTING: 7.74
 OVERALL TOTAL OF TERMINALS: 357
 TOTAL OF COMPANIES: 168

The responsibility for ownership of these facilities was divided between public ownership, 112 or 32.6% versus 231 or 67.4% private ownership.

REPORT 17a-

<u>OWNERSHIP</u>	<u>TERMINAL OWNERSHIP</u> <u>TERMINALS</u>	<u>PERCENT</u>
PUBLIC	112	32.65
PRIVATE	<u>231</u>	<u>67.35</u>
TOTAL	343	100

TOTAL OF NOT REPORTING COMPANIES: 14

PERCENTAGE OF NOT REPORTING COMPANIES: 3.92

CHAPTER 5

CONCLUSIONS
&
FINAL THOUGHTS

THE URBAN HARBORS INSTITUTE'S NATIONAL FERRY DATA BASE

CHAPTER 5 - CONCLUSIONS, RECOMMENDATIONS & FINAL THOUGHTS

5.0 Conclusions, Recommendations & Final Thoughts

5.1 Conclusions -

This data base and accompanying study can generate information and supporting data which will assist in the formulation of any number of conclusions about the ferry industry. At a time when landside mass transportation is reaching a point where expensive alterations or alternative forms must be considered, ferries should stand ready to respond to local, state and federal government funding and regulatory resources. The ability to access a multi-faceted data base, generate specific information and present it in a clear, understandable format will be critical to the effort to establish the ferry industry's credibility.

Some of the more basic conclusions we were able to reach as a result of the information we have entered into our data base are:

UHI collected information on 168 ferry systems. It must be concluded that this is a number (with limited attrition or start-ups) that is an accurate accounting. These systems provide water transportation on 264 ferry routes, utilizing 464 vessels. Again it has been concluded that these numbers, based upon the number of ferry systems we know about, are valid.

Based upon the responses from the individual systems surveyed, over 67 million people are served by these ferries, annually. With just over 50% of the organizations surveyed responding to the question concerning the total number of passengers handled annually, the average count per company reporting was 507,000 passengers per year. **If we were allowed to extrapolate upon these numbers, it could be concluded that the annual number of passengers handled by ferries in the United States is double our count and approaches 134 million.**

It is common knowledge that ferries are operated by public and private entities. The extent of the split between the two management philosophies, however, is not common knowledge. **We found that the numbers of public and private ferry systems were virtually equal, as were the numbers of the total routes served by each of these entities. It can be concluded that public systems tend to serve their communities throughout the year regardless of passenger support, based upon the support of their public agencies. It can also be concluded that privately owned systems tend to operate on a seasonal basis, offering water transportation between mainland embarkation points to island and lake vacation points.**

The time and distance of the majority of the ferry routes is less than 30 minutes and less than 10 miles respectively. Conventionally hulled vessels were the favorite choice of vessel and the combination of conventional vessels and barges utilized by both public and private systems was an overwhelming 96%. **It can be concluded that the majority of the vessels operated on these ferry routes will continue to be conventional hulled or barge style vessels.**

As a result of the above information, **it is reasonable to conclude, for instance, that fast ferries, those in the 20 to 25 knot and more speed ranges, will not be practical for the large majority of U.S. ferry operations. We can also conclude that in areas where the economies of fast ferries make their introduction practical and even marginal, they will be considered.** This has been evident in areas where In-Cat fast ferry designs have been introduced.

Based upon the number of ferry systems that are either publicly or privately operated, **we can conclude that the mix will more than likely stay fairly equal.** In some areas, public/private partnerships have evolved, while in others, private operators have taken on the responsibility with minimal assistance from public transportation agencies. In other corridors, public agencies have continued to operate and in certain areas have expanded.

Based upon the data received concerning the public/private organizational control, ferry routes and markets, the data base confirms the Institute's conclusions concerning the categories that ferries fall into. **Each of the 168 ferry systems provides either essential service, complementary service or optional service to its community. In a number of instances, many of the systems provide a combination of the three. This can happen whether the systems are serving one route or nine.**

Finally, this study has lead the author to conclude that the potential value of an information resource such as the National Ferry Data Base is significant for the ferry industry, governmental transportation organizations and transportation planners. Urban Harbors Institute has been able to work with the data it has received to produce a sampling of over 75 reports. The reports presented in Chapter 4 and represented in Appendices 3 and 4 have concentrated upon a mere smattering of the basic information UHI has been gathering over the period of the grant. UHI has entered over 2,400 individual items of information into this data base which is significant when realizing that half of the industry members surveyed did not respond in specific categories.

UHI constructed this data base so that unlimited combinations of data could be utilized, creating reports on virtually any area of the ferry industry. We can conclude that with the responses we did receive, we actually have that capability now. It is difficult to imagine what our capabilities would be if complete responses had been received from every ferry operator.

5.2 Recommendations

It is strongly recommended that an effort be continued to collect data on each of the ferry systems identified and to complete each questionnaire fully. This might be accomplished with the assistance of the Passenger Vessel Association, whose members represent the lions share of the ferry systems in the United States.

It is also recommend that this data base be updated regularly but at a minimum, every year.

It is finally recommended that this data base be established in such a way as to be retrievable via electronic means to subscribing organizations and customers.

Urban Harbors Institute is prepared to accomplish these three tasks, however, with the end of the grant, have limited resources to do so. It is recommended that the U.S. Department of Transportation establish all or a major portion of the funding necessary to accomplish this task through the University of Massachsuetts' Urban Harbors Institute.

5.3 Final Thoughts

With few exceptions, state and local governments that have offered very limited financial support to waterborne passenger transportation, appear to maintain a keen interest. This dim light at the end of the tunnel, may be in many cases, based upon the states' assumption of the potential for financial support via Federal legislation. However, regardless of why, there appears to be interest.

Major U.S. marine transit centers such as Portland, Maine, the Greater Boston area, Connecticut/New York/New Jersey, New Orleans, the San Francisco Bay Area, the Puget sound area and the Alaskan coast have long reaped the benefits of ferry systems. These have existed, even with reduced patronage, through the difficult periods when bridges, tunnels and superhighways grew to dominate the public transportation scene. Each of these centers are now experiencing a return of passengers in increasing numbers and have plans to increase the level of ferry activity now existing.

In addition, private operators, plying routes between mainland areas and vacation destinations on a seasonal basis are experiencing dramatic increases in ridership and in many areas, a demand for larger, faster vessels. Areas throughout the United States including Los Angeles/Long Beach to Catalina Island and mainland Great Lakes states to islands in the Great Lakes are also experiencing increases in private ferry operations. Last but not least, the continuation of cross river services utilizing one, two or three car ferry barges powered by tug or even small self contained power units continue to operate, connecting state, county and locally sponsored highways. These operations, largely funded by state highway departments, find themselves defined as part of the highway system, rather than as a means of waterborne transportation.

Over the past five years, even when considering the glaring oversight in the initial draft of the Federal Transportation Policy, it seems that ferry systems have received more recognition and direct support from the Federal government than at any time in the recent past. Ferries received mention in the Intermodal Surface Transportation Efficiency Act (ISTEA) wherein Congress calls for the support of ferry systems and supports that call with \$115m for operating facilities and equipment over a five year period. The act also provides implied support for ferries through its stated goals which include the reduction of land transport congestion, air pollution, the use of energy sources and the search for alternative means of mass transportation.

Although much has been accomplished in weaning the commuting public from their automobile, this effort has a down side to it. In many of the larger population centers, this effort has placed a demand on the mass transit infrastructure that in turn has affected the effort to build bridges, tunnels, additional rail connections and roadways. Increasing the infrastructure has detrimental environmental affects as well as quickly becoming a physically impossible process.

Despite this, ferries are more often than not ignored as part of the commuting equation and in many instances are considered the competing not complementing modes by local transportation entities. The Federal government through the Federal Transit Administration of the Department of Transportation, has recognized the value and the potential of ferries in today's commuting scheme. The majority of the large U.S. urban centers, eventhough located on or near large bodies of water, however, experience difficulties articulating the role ferries should play in their transportation plan. In the many cases where the multimodal public transportation organizations find themselves in a competitive posture, ferries are generally relegated to a secondary role.

Ferries not only reduce pollution effects and energy consumption, they reduce congestion. The creation of this data base is one of many steps to assist the government and the ferry industry in its effort to be recognized as a valuable contributor to the nations transportation infrastructure. Ferries support those goals extremely well and must receive serious recognition of their abilities to do so. This data base, properly constituted, updated and easy accessible will provide the catalyst in the realization of these goals.

