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FINANCIAL ANALYSIS OF THE NORTHEAST CORRIDOR
DEVELOPMENT PROJECT
Volume II: Appendices



November 1975

FINAL REPORT

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12 Abstract A high speed passenger rail service between Washington, D.C., and Boston was called for in the Regional Rail Reorganization Act of 1973. Planning for the service has been conducted by the Office of Northeast Corridor Development in the Federal Railroad Administration. Engineering studies were undertaken to develop detailed plans and costs for the required facilities improvements. This report describes the development of financial projections for the service. Operating unit costs were estimated. The operating cost estimates were combined with capital costs based on the engineering studies, and with proposed organizational and funding arrangements to develop financial projections. A computer model was developed to produce pro forma cash flow statements, income statements, and balance sheets for future years. Several organization and funding arrangements were tested. The results were measured in net present value and return on investment. Sensitivity analysis was performed. The report has been published in two volumes. Volume I details the assumptions, analytical techniques, and results of the financial analysis. Volume II contains pro forma financial statements and a users' manual for the computer model.				13 Type of Report and Period Covered Final Report Oct. 1974 - Nov. 1975	
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PREFACE

The Regional Rail Reorganization Act of 1973 directed the Secretary of Transportation to undertake engineering studies in preparation for implementation of the recommendations with respect to rail passenger service contained in the September 1971 Northeast Corridor Report. Included in the study requirements was the need for detailed financial projections for high speed rail service.

Planning for the service has been conducted by the Office Northeast Corridor Development (ONECD) in the Federal Railroad Administration. The Transportation Systems Center (TSC) provided assistance to ONECD in the areas of demand forecasting and financial analysis. The work described in this document was done under contract to TSC.

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CORRIDORRAIL FINANCIAL
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APPENDIX E

FINANCIAL MODEL USER'S MANUAL

This appendix consists of two parts. The first part, Program Capability, contains a description of the capability of the program and is intended to bridge the gap between the descriptive material contained in Appendix D and the explanation of procedure which follows. It should be read before preparing new input data. The second part, Procedure, contains a portion of the computer program itself which describes the procedure for using the program. It should be referred to when the user is prepared to provide new input data to the program.

PROGRAM CAPABILITY

This part outlines the computational sections of the program and their purpose. It discusses the default cases supplied in the program and the changes which can be made in those cases. It clarifies the more unusual treatments of some of the variables and provides a few suggestions for using the model. Finally, it discusses how program logic and default values may be changed.

Outline of Computations

Each execution of the program passes through the computational steps of the model three times, thereby providing the capability of making projections for three interacting financial entities plus the program management. Figures III. 1 through III. 4 illustrate the major steps in the computation.

Specification of Organizations

The entire model is controlled by the variable called "Report," which contains the names of the organizations for which projections are being made. The first pass through the computations is performed for Entity 3, the organization specified in the right-hand field of the Report variable and in the right-hand column of "A Complete List of Model Inputs as Defined for this Execution". (Refer to the model inputs listed at the ends of Appendices F, G, and H.) The Report variable is used in the following ways:

- . If no Report name is specified, no projections are made for the corresponding pass through the computations.

- . If no Report name is specified, most of the input data in that column and for that pass through the program are set to zero.
- . Report names that are specified are used in the titles of the appropriate reports (i.e., at the top of each page of the pro forma financial statements) and to identify the statistics of each organization on the cover page and in the cash flow summary.

Total Project Variables

There are a few exceptions to the second point above. After the model has set all of the inputs for unnamed organizations to zero, it enforces the conformity of all organizations, including ones unnamed, for certain variables. These are:

- . first year of projection;
- . year in which high-speed operations begin;
- . last year of projection;
- . total project discount rate; and
- . the three project management expenditures (i.e., program and construction management, interim maintenance and railroad support, and rolling stock development and retrofit).

If the values of any of these variables specified for the three organizations are not all the same, the left-most non-zero value is used for all three organizations. If zero has been specified for the value of that variable for Entity 1 (the left-hand organization), the value specified for Entity 2 is used for all three organizations. If the value specified for Entity 2 is also zero, the value specified for Entity 3 is used for all three.

Default Values

Default values for all of the variables have been incorporated in the program itself. For this reason, it is necessary to specify values only for those variables which the user wishes to change; the default values in the program will be used for all other variables. If the program is executed without changing any of the input values, the baseline projections (for a single organization) as listed in Appendix F will be

produced. In fact, however, the program also contains default values for Entity 1 and Entity 2 inputs. Because the default value for the Report variable does not give a name to Entity 1 and Entity 2, their input values are zeroed at the time of execution.

In a sense, the program contains two default cases. The default choice between the default cases was programmed by providing a default name only for Entity 3. The alternative default case may be selected by specifying names for the other two organizations and by leaving spaces in the name of Entity 3. This is the case for which the projections appear in Appendix G.

Changing the Input Data

The manner in which input data are changed from the default case to any alternative case is set out fully in the second portion of this appendix. Changing an operating unit cost, for example, is simply a matter of creating a file with the name of the cost at the beginning of the line. The new value for the cost appears on the same line in a position corresponding to that of the old value in the list of model inputs, which is appended to each printout. When specifying a new value for a variable, all the values for that variable must be specified. An operating unit cost, for example, has one value for each organization, and all three must be specified. Because each operating cost normally only applies to one of the organizations and because spaces in the input file are equivalent to zeros, this requirement seldom poses a problem. In the case of the variables for which a value must be specified for each year, however, the default values must be respecified for the early years when a change is made in one of the later years.

Whenever a change in organizational structure is proposed, particular attention must be paid to the variables which specify interaction among organizations. Those variables are:

- . expenses transfer (a switch set equal to 1 or 0);
- . debt service transfer (a switch set equal to 1 or 0);
- . income-sharing percentage;
- . commuter M of W&S share;
- . commuter dispatching share;

- . non-NEC Amtrak M of W&S share; and
- . non-NEC Amtrak dispatching share.

A brief discussion of the treatment of each of these variables, and of the sinking fund, follows.

Transfer Payment and Sinking Fund Variables

In general, the transfer payments all flow from the right to the left. That is, a transfer payment specified for Entity 3, the right-hand organization, would be received by Entity 2. A transfer payment specified for Entity 2 would be received by Entity 1. In Appendix G for example, the transfer payments are made by the "Operator" (i. e., the center organization) to the "Owner" (i. e., the left-hand organization).

The expense transfer switch specifies whether or not the particular organization is to subsidize expenses of the organization to its left. A value of 1 indicates the subsidy is to be made; a value of zero indicates that it is not to be made. A value of 1 specified for the left-hand organization would, therefore, be meaningless; there is no organization to its left to which a transfer payment could be made.

The debt service transfer switch is similar. It affects the output line "debt service transfer" and "debt service transferred" in the same way that the expenses transfer switch affects the lines "operating expense transfer" and "primary revenue".

The "income sharing percentage" specifies a percentage of the organizational income to be passed on to the organization to its left. It affects the items "income transfer" and "new grants".

"Commuter M of W&S Share" is a percentage which is applied to the total M of W&S costs of all three organizations. In most cases, only one organization will have M of W&S costs, and only these will be allocated. "Commuter Dispatching Share," "Non-NEC Amtrak M of W&S Share," and "Non-NEC Amtrak Dispatching Share" are treated in a manner similar to that of Commuter M of W&S Share. The general overhead burden used to calculate the M of W&S cost to be allocated is that of the organization receiving the contribution. If the treatment of the transfer payments is reviewed, it will be clear that the financial model could be used to project statements for three entirely unrelated organizations, or for the same organization under three different assumptions by specifying zeros for the transfer payment variables.

However, when any transfer payment is non-zero, all program inputs must be consistent with one set of assumptions: the program will not project statements for the same organization under different assumptions if transfer payments are involved.

In addition to the transfer payments, the sinking fund treatment deserves some discussion. The bond issue, which is set up with a sinking fund, is always issued in the first year of projection. The term of the bond issue is added to the first year of projection in order to determine the year in which the issue is to be retired. The sinking fund is calculated in order to provide for complete retirement in that year. The fund itself, however, is not set up until the first year after high-speed operations begin. If a term for the sinking fund which was shorter than the construction period were specified, the inputs would not be acceptable.

Changes in Logic

If the user is familiar enough with the program to wish to change the logic, the relevant statements will be found in sections Phase 1, Phase 2, Phase 2b, Phase 2d, or Phase 3 of the program listing. By using the cross-reference table, which is produced at the end of a program listing when the program is recompiled, the user will be able to locate all references to the variables in which he is interested.

Changes in Default Values

The default values are coded into the files called:

- . coblib(sholval), and
- . coblib(shovval).

The default values are coded in the order in which the variables are defined.

Adding Variables

Adding a variable which carries only one level of subscripting (i. e., an input variable which is constant throughout the projected time span) is not difficult. However, adding a variable which contains two levels of subscripting (i. e., an input variable which changes annually or any output variable) such as the demand and investment schedules, is more involved. There is, therefore, a variable called "extra vector" which

is unused in the default case. It may be used in the same way that the demand and investment input variables are used.

PROGRAM PROCEDURE

The following material describes the coding and the format for executing the program and for creating new sets of inputs. This material is contained in the program itself and may be displayed by issuing the commands:

```
load .coblib(writeup), list
```

It may be printed at the remote printer by issuing the command:

```
print .coblib(writeup)
```

*PROGRAM NAME: NECMONEY, An N.E.C. Financial Model

*
*
*AUTHOR: Robert W. Whitaker
* Peat, Marwick, Mitchell & Co.
* 1025 Connecticut Avenue, N.W.
* Washington, D.C. 20036
* (202) 223-9525
*

*ENVIRONMENT: Program NECMONEY is written in American National
* Standard COBOL. It was compiled by the IBM OS Full
* American National Standard COBOL compiler (identi-
* fied as PP 5734-CB2 V4 RELEASE 1.2 31OCT73).

* Although the version 4 compiler was used, none of
* the IBM extensions which distinguish versions 3 and
* 4 from version 2 were employed. Certain IBM exten-
* sions, which are common to all versions, were used:

* RECORDING MODE IS
* USAGE IS COMPUTATIONAL-1
* USAGE IS COMPUTATIONAL-2
* USAGE IS COMPUTATIONAL-3
* LINKAGE SECTION
* PROCEDURE DIVISION USING
* IF ... THEN
* TRANSFORM
* EJECT

*JOB CONTROL LANGUAGE (JCL):

* Is an IBM OS or VS environment, program NECMONEY is
* executed by means of job control language (JCL)
* statements. Such an execution is always contained
* within a job and is known as a job step. A job may
* contain one or more such steps which are usually
* related. (As an example, one job might contain only
* an execution of program NECMONEY; another might
* contain a compilation of the source program, an
* associated execution of the linkage editor, and an
* execution of a modified version of the program.)

* The following table contains JCL statements which
* are associated with the execution of program
* NECMONEY. The EXEC statement must be placed first.
* DD statements may occur in any order.

* Program NECMONEY JCL Statements

STATEMENT	PURPOSE
EXEC	The EXEC statement is used to invoke

STATEMENT	PURPOSE
	program NECHONEY from a load library, to pass control to it, to define program parameters, and to define the environment of the execution. The load library from which program NECHONEY is invoked is defined in a STEPLIB or a JOBLIB DD statement. The STEPLIB DD statement is discussed below. The JOBLIB DD statement is similar to the STEPLIB DD statement, except that it is placed directly after the JOB statement and applies to all job steps. Program parameters are defined in the PARM parameter in the EXEC statement. Valid program parameter specifications may be found in another table. Other EXEC statement parameters, such as REGION, TIME, COND and the like may be used to control the environment in which the program is to be executed. A 170k region and a time of at least 30 CPU seconds are required. EXAMPLE: //RUNX EXEC PGM=NECHONEY,REGION=170K, // TIME=(,30),PARM=(LEVEL,DUMP)
STEPLIB DD	The STEPLIB DD statement defines the load library in which the program NECHONEY load module is to be found. Any special link libraries required to execute an ANS COBOL program may be concatenated to it. (In most installations, it will not be necessary to define any such link libraries.) EXAMPLE: //STEPLIB DD DISP=(SHR,PASS), // DSN=DS.G5052M.LOAD.NECHONEY
SYSPPRINT DD	The SYSPPRINT DD statement defines a SYSOUT data set where the program formats control information and reports. Its RECFM is preset as VBA and its LRECL as 125. Its BLKSIZE must be supplied by the user and must fall within the following limits:

129<=BLKSIZE<=track-size

A user must be sure that he does not violate any installation-peculiar restrictions concerning the maximum value of BLKSIZE. BLKSIZE=129 is always safe.

EXAMPLE:

```
//SYSPRINT DD SYSOUT=A,  
// DCB=BLKSIZE=3156
```

SYSIN DD

The SYSIN DD statement defines a SYSIN data set from which the program reads a user-prepared data deck. The formats of the data statements contained in this deck may be found in another table.

The RECFM of the SYSIN file is preset as FB and its LRECL as 80. A BLKSIZE may be supplied in the SYSIN DD statement but is ordinarily present in the data set label and should not be supplied in the DD statement. However, when the user wishes to DUMMY or NULLFILE the SYSIN file, BLKSIZE must be supplied in the DD statement.

BLKSIZE must be a multiple of 80.

EXAMPLE:

```
//SYSIN DD *  
OR  
//SYSIN DD DUMMY,DCB=BLKSIZE=80
```

*PROGRAM CONTROL OPTIONS:

Some of the activity of program WECROWNEY is controlled by means of key-word program options which may be introduced by means of the PARM parameter in the EXEC statement. Each option has a default value which obtains when it is not specified. When no PARM is coded in the EXEC statement, the default values of all options obtain.

In general, the PARM parameter is coded as follows:

PARM=(option-1,option-2,...)

where each option is selected from the following table. Options may occur in any order. When conflicting options are specified, the right-most is in effect.

Program WECHONEY PARAM Options

OPTION	MEANING
BOOK LEVEL	The BOOK or LEVEL option indicates how return on investment (R.O.I.) is to be computed. The default is BOOK. EXAMPLE: PARAM=(LEVEL)
NODUMP DUMP	The DUMP or NODUMP option indicates whether all output data vectors are to be formatted together with other reports as selected elsewhere. The default is NODUMP. EXAMPLE: PARAM=(DUMP,LEVEL)

DATA STATEMENT FORMATS:

Data statements fall into the following categories:

- 1, IDENTIFICATION statements,
- 2, The REPORT selection statement, and
- 3, Data defining statements, which, in turn fall into 2 categories:
 - 3.1, Data defining statements which define a single value for each entity, and
 - 3.2, Data defining statements which define a vector of values for each entity in which a value may be supplied for each year of the projection.

All types of data statements share certain aspects of their formats. These common format characteristics may be found in the following table:

Data Statements -- Common Format Elements

COLUMNS	CONTENTS
1-40	The name of the variable being defined. There is usually more than one form of this name, a short form and a long form. Whichever form is selected, it must be spelled correctly except that leading spaces are ignored. When continuation has occurred from the preceding card, the contents of this field are ignored.
41-77	Material to be associated with the variable named in columns 1-40. The format of this material depends upon

	the type of variable being defined.
	When the card in question is part of
	a group, being continued from the
	preceding card, the material in these
	columns is associated with the vari-
	able named in the first card in the
	group.
71	Unused.
72	Any non-blank character may be placed
	in this position when continuation to
	the next card is required. When con-
	tinuation to the next card is not re-
	quired, column 72 must be left blank.
73-80	Unused.

1. IDENTIFICATION Statements:

The user may supply as many as 10 IDENTIFICATION statements. IDENT and ID are also acceptable variable names.

As many as 60 characters of text may be supplied in each statement. Characters 1 through 30 are placed in columns 41 through 70 of the first card which also contains the operation IDENTIFICATION, IDENT or ID in columns 1 through 40.

Characters 31 through 60, if desired, may be placed in columns 41 through 70 of the following card. In that case, a non-blank character must be placed in column 72 of the first card. Columns 1 through 40 of the second card are ignored.

EXAMPLES:

Examples of IDENTIFICATION statements follow. The text used is that associated with the base line version of the model and represents what will obtain if nothing is supplied.

Sample IDENTIFICATION Statements

C A R D C O L U M N S	
0C000000011111	4444444444555555555566666666667777
12345678901234...	12345678901234567890123456789012
IDENTIFICATION	HYPOTHESES OF THIS RUN -- BASE &
IDENT	LINE CASE
ID	1. PPA DEMAND (3% GROWTH AF &
IDENTIFICATION	TER 1990)
IDENT	2. INTEREST-FREE DEBT FOR I &
	IMPROVEMENTS
	3. GRANTS FOR ROLLING STOCK

```

*      | ID      4. 20-YEAR (1996) 7% BOND, 6 |
*      |      WITH SINKING FUND IN 1982 FOR  |
*      | IDENT      R.O.W. PURCHASE  |
*      | IDENTIFICATION 5. PHM&CO OPERATIONAL COST 6 |
*      |      ESTIMATES  |
*      | IDENT      6. BECHTEL CAPITAL COST EST 6 |
*      |      IMATES  |
*      | ID      7. BOOK VALUE OF ASSETS ADD 6 |
*      |      ED INTO CASH STREAM IN 2011  |
*      +-----+

```

*2, The REPORT Selection Statement:

The user may supply a REPORT statement to select and identify the reports to be generated. The following table shows the format of columns 41 through 70 of the REPORT statement:

The REPORT Statement -- Columns 41 through 70

```

+-----+
| COLUMNS | CONTENTS |
+-----+
| 41-50    | The name of the first entity. The |
|          | first entity will not be reported if |
|          | this field is not supplied. |
+-----+
| 51-60    | The name of the second entity. The |
|          | second entity will not be reported if |
|          | this field is not supplied. |
+-----+
| 61-70    | The name of the third entity. The |
|          | third entity will not be reported if |
|          | this field is not supplied. |
+-----+

```

If more than one REPORT statement is supplied, the contents of the last one encountered will apply.

EXAMPLE:

An example of the REPORT statement follows. The material used is that associated with the base line version of the model and represents what will obtain if no REPORT statement is supplied.

Sample REPORT Statement

```

+-----+
|          C A R D   C O L U M N S          |
| 00000000011111  44444444445555555555666666666777 |
| 12345678901234...12345678901234567890123456789012 |
+-----+
| REPORT                                COMBINED |
+-----+

```

*3, Data Defining Statements:

Data defining statements may be used to supply values for input data elements of the model. The following table shows the format of columns 41 through 70 of data defining statements:

Data Defining Statements -- Columns 41 through 70

COLUMNS	CONTENTS
41-50	The value of the defined variable to be associated with the first entity.
51-60	The value of the defined variable to be associated with the second entity.
61-70	The value of the defined variable to be associated with the third entity.

Each value may be positioned anywhere within the bounds of its field. Leading and trailing spaces are ignored. Each value must assume the following form:

< [+|-]><integer><.fraction>

where each element enclosed in '<>' is optional and items separated by '|' are exclusive.

< [+|-]> indicates that an optional sign may prefix the value, or that no sign need be present. When there is no sign, the value is assumed to be positive.

<integer> indicates that the value may contain an optional integer portion. The integer portion of the value is assumed to be zero if it is not present.

<.fraction> indicates that the value may contain an optional fractional portion. The fractional portion of the value is assumed to be zero if it is not present.

The following are all examples of valid data values:

73
-3.145
+.0016

*3.1, Data Statements Defining a Single Value for Each Entity:

For many data items only one value is required for each entity. One card is used for such items, with the long or short name of the item in columns 1

through 40. A few examples of this type of data statement may be found in the following table:

Sample Single-Valued Data Statements

C A R D C O L U M N S				
0000000011111	4444444455555	5555566666666	666667777	
12345678901234...	12345678901234	5678901234567890	12345678901234	5678901234
BCBL	3	+3	3.0	
STOP	2011	2011	02011.0	
B.O.W PURCHASE		500	500	500

Default values are assumed for single-valued data items not supplied by the user. These default values, if taken as they stand, constitute what is known as the base-line case.

3.2. Data Statements Defining a Vector of Values for Each Entity:

Some data items require a value for each year of the projection, and a set of such values for each entity. Such data statements are coded like those for single-valued entries except that one card is required for each year of the projection.

If there were 36 years in the projection, a vector-defining data statement would contain 36 cards. The first card would contain the variable name (either the short or the long form) in columns 1 through 40, and a non-blank character in column 72 to indicate that the second card was a continuation of it. The values in the first card would be for the first year of the projection.

In the second card, the contents of columns 1 through 40 would be ignored. The values in the second card would be for the second year of the projection. Finally, the second card would contain a non-blank character in column 72 to indicate that the third card was a continuation of it, etc.

The last card would be for the last year of the projection or for the last year in which non-zero data appears in the base line model. Unlike the cards preceding it, it would contain a space in column 72.

An example of a vector-defining data statement may be found in the following table:

Sample of a Vector-Defining Data Statement

C A R D C O L U M N S				
00000000011111	4444444444	5555555555	6666666666	7777
12345678901234...	12345678901234	5678901234	5678901234	56789012
SYS	4.8	4.8	4.8	6
	4.8	4.8	4.8	6
	2.4	2.4	2.4	

Default values are assumed for vector-defining data items not supplied by the user. These default values, if taken as they stand, constitute the base line case.

OUTPUT REPORTS:

Program WECMONEY produces 4 output reports:

1. A program control report which contains messages having to do with the operation of the program. Such messages can occur at any time during execution. A complete listing of input data records (if any) is included.
2. An input data report which reflects the actual values of all input data as used in computation.
3. As many as 3 model output reports, one for each entity desired, and
4. An optional dump of all output data vectors.

SAMPLE JCL SETUP:

JCL to obtain an execution of program WECMONEY for the base line case follows:

```
//WECMONEY EXEC PGM=WECMONEY,REGION=170K,TIME=1,
// PARM=(LEVEL,DUMP)
//STEPLIB DD DSN=DS.G5052N.LOAD.WECMONEY,
// DISP=(SHR,PASS)
//SYSPRINT DD SYSOUT=A,DCB=BLKSIZE=3156
//SYSIN DD DUMMY,ICB=BLKSIZE=80
```

APPENDIX F
FINANCIAL PROJECTIONS FOR
THE BASELINE CASE

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

NEC IMPROVEMENT PROGRAM - - - FINANCIAL PROJECTIONS
BOSTON-WASHINGTON HIGH-SPEED RAILWAY

VEHICLES IN UNITS
ALL OTHER FIGURES IN MILLIONS

- HYPOTHESES OF THIS RUN -- BASELINE CASE
1. FRA DEMAND (3% GROWTH AFTER 1990)
 2. INTEREST-FREE DEBT FOR IMPROVEMENTS
 3. CASH FLOW FOR ROLLING STOCK
 4. 20-YEAR (1996) 7% BOND, WITH SINKING FUND IN 1983 FOR R.O.M. PURCHASE
 5. PMR/CO OPERATIONAL COST ESTIMATES
 6. FRA CAPITAL COST ESTIMATES
 7. BOOK VALUE OF ASSETS ADDED INTO CASH STREAM IN 2011

ENTITY	RETURN ON INVESTMENT	NET PRESENT VALUE
COMBINED PROJECT MGT.	3.8008	-1,559,430
TOTAL PROJECT	3.4078	-1,723,722

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APPENDIX F

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NAME OF ENTITY	FINANCIAL PROJECTIONS										PAGE
	YEAR 1976	YEAR 1977	YEAR 1978	YEAR 1979	YEAR 1980	YEAR 1981	YEAR 1982	YEAR 1983	YEAR 1984	YEAR 1985	
COMBINED PROJECT MGT.	-719.7	-327.9	-374.4	-536.5	-510.5	-457.3					
TOTAL PROJECT	-63.4	-66.1	-67.1	-37.1	-19.4	-16.4					
	-779.1	-394.0	-441.5	-571.6	-526.0	-473.7					
COMBINED PROJECT MGT.	-156.8	43.0	62.0	79.0	96.5	108.7					
TOTAL PROJECT	-14.4	43.0	62.0	79.0	96.5	108.7					
	-171.3	43.0	62.0	79.0	96.5	108.7					
COMBINED PROJECT MGT.	116.7	122.1	126.6	131.8	137.3	143.9					
TOTAL PROJECT	116.7	122.1	126.6	131.8	137.3	143.9					

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APPENDIX F 4

NEC IMPROVEMENT PROGRAM - FINANCIAL PROJECTIONS CASH FLOW SUMMARY

PAGE 2

NAME OF ENTITY	YEAR 1994	YEAR 1995	YEAR 1996	YEAR 1997	YEAR 1998	YEAR 1999
COMBINED PROJECT MGT.	93.6	51.5	119.1	147.2	156.5	166.0
TOTAL PROJECT	93.6	51.5	119.1	147.2	156.5	166.0
COMBINED PROJECT MGT.	177.5	188.0	197.0	205.2	212.7	220.8
TOTAL PROJECT	177.5	188.0	197.0	205.2	212.7	220.8
COMBINED PROJECT MGT.	229.2	238.2	190.9	151.5	222.5	3,608.7
TOTAL PROJECT	229.2	238.2	190.9	151.5	222.5	3,608.7

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NFC PRO FORMAS	09/12/75	FINANCIAL PROJECTIONS						PAGE
		FOR THE COMBINED ENTITY						
		YEAR 1976	YEAR 1977	YEAR 1978	YEAR 1979	YEAR 1980	YEAR 1981	
OPERATING AND INVESTMENT STATISTICS		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	
PASSENGER TRIPS								
PASSENGER MILES								
CAR MILES								
TRAIN MILES								
NUMBER OF CARS IN FLEET								
NUMBER OF CARS DELIVERED								
FACILITIES INVESTMENT								
SERVICE FACILITIES								
TRACK UPGRADING & STRUCTURAL DEVT								
LONG LEAD MATERIALS								
FENCING								
LAND ACQUISITION FOR TRACK REALIGNMENT								
SYSTEM TEST								
BRIDGE AND TUNNEL UPGRADING								
ELECTRIFICATION								
SIGNALING CONTROL								
STATIONS								
FREIGHT FACILITIES								
TOTAL FACILITIES INVESTMENT								

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

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NEC PRO FORMAS 09/12/75	NEC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY	FINANCIAL PROJECTIONS					PAGE 2
		YEAR 1976 USPS SOURCES USES	YEAR 1977 USPS SOURCES USES	YEAR 1978 USPS SOURCES USES	YEAR 1979 USPS SOURCES USES	YEAR 1980 USPS SOURCES USES	
OPERATING INCOME ACCOUNTS							
COMPUTER & LOCAL FREIGHT CONTRIBUTION							
INTER-CORRIDOR AIRTRAK CONTRIBUTION							
PRIMARY REVENUE							
TOTAL REVENUE							
EXPENSES							
STATION PERSONNEL							
STATION CLEANING AND UTILITIES							
BAGGAGE CARTS							
TRAIN SUPPLIES AND EXPENSES							
ISMAK RAP ATTENDANTS							
ITCART AGENCY COMMISSIONS							
RESERVATIONS							
PASSENGER SERVICE DEPARTMENT OVERHEAD							
CAR MAINTENANCE							
IN. OF F. DEPARTMENT OVERHEAD							
ENERGY							
CREW							
SWITCHING							
DISPATCHING							
STATION MASTERS							
TRANSPORTATION DEPARTMENT OVERHEAD							
MAINTENANCE OF WAY AND STRUCTURES							
MAINTENANCE OF CATERING							
MAINTENANCE OF COMMUNICATION AND SIGNALS							
MAINTENANCE OF STATIONS, SHOPS, C. YARDS							
IN. OF F. DEPARTMENT SUPERVISION							
TRANSPORTATION DEPT INSURANCE							
GENERAL OVERHEAD							
TOTAL OPERATING EXPENSES							

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for F&A internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

NEC PRO FORMAS		09/12/75		NEC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY		FINANCIAL PROJECTIONS		13193153		PAGE	
		YEAR 1976	YEAR 1977	YEAR 1978	YEAR 1979	YEAR 1980	YEAR 1981				
SOURCES AND USES OF CASH		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES				
TOTAL REVENUE											
TOTAL OPERATING EXPENSES											
OPERATING INCOME											
OTHER SOURCES AND USES OF CASH											
SALE OF ROLLING STOCK											
PREPAYMENTS ON ROLLING STOCK											
FINAL PAYMENTS ON ROLLING STOCK											
TOTAL FACILITIES INVESTMENT											
REAL ASSET ACQUISITION											
CASH NEED INCREASE											
RECEIVABLES INCREASE											
INVENTORY INCREASE											
NET CASH FLOW											
NEW SHORT TERM DEBT											
NEW LONG TERM DEBT											
NEW LONG TERM DEBT WITH SINKING FUND											
BOND PURCHASE BOND RETIREMENT											
LONG-TERM DEBT RETIREMENT											
LIQUIDATION OF RESERVE											
BOND PURCHASE BOND INTEREST											
SINKING FUND PAYMENT											
INCOME FROM SINKING FUND (REINVESTED)											
NET CASH AFTER DEBT TRANSACTIONS											
NEW GRANTS											
LIQUIDATION OF INVESTMENTS											
INCOME FROM INVESTMENTS											
INVESTMENT OF SURPLUS											
TOTAL SOURCES OF CASH											
TOTAL USES OF CASH											

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NFC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY		FINANCIAL PROJECTIONS					PAGE
09/12/75		YEAR 1976	YEAR 1977	YEAR 1978	YEAR 1979	YEAR 1980	YEAR 1981
INCOME ACCOUNT							
OPERATING INCOME							
SALE OF ROLLING STOCK							
INCOME FROM INVESTMENTS							
INCOME FROM SINKING FUND INVESTMENT							
INTEREST EXPENSE							
ROLLING STOCK DEPRECIATION							
NET INCOME							
GENERAL BALANCE SHEETS							
ASSETS							
CASH						50.0	101.4
OTHER RECEIVABLES							
PREPAYMENTS							
MATERIAL AND SUPPLIES							
INVESTMENTS							
SINKING FUND RESERVE							
ROLLING STOCK AT COST							
LESS ACCUMULATED DEPRECIATION							
ROLLING STOCK BOOK VALUE							
IMPROVEMENTS		180.7	471.2	805.5	1,297.2	1,705.2	2,008.7
REAL ASSETS		535.0	572.4	612.5	655.4	701.3	750.4
TOTAL ASSETS		715.7	1,043.6	1,418.1	1,952.6	2,406.5	2,920.4
LIABILITIES							
SHORT TERM DEBT		180.7	471.2	805.5	1,297.2	1,705.2	2,008.7
LONG TERM DEBT		535.0	572.4	612.5	655.4	701.3	750.4
BOND PURCHASE FUND							
EQUITY ACCOUNTS						50.0	101.4
TOTAL GRANTS							
RETAINED EARNINGS							
TOTAL LIABILITIES		715.7	1,043.6	1,418.1	1,952.6	2,406.5	2,920.4
BORROWING CAPITAL							

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NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY					FINANCIAL PROJECTIONS					PAGE
09/12/75							13153153					5
		YEAR 1982	YEAR 1983	YEAR 1984	YEAR 1985	YEAR 1986	YEAR 1987					
OPERATING AND INVESTMENT STATISTICS		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES					
PASSENGER TRIPS		17.0	20.1	22.2	24.2	26.1	27.9					
PASSENGER MILES		2,761.0	2,873.3	2,952.6	3,218.6	3,471.3	3,666.2					
CAR MILES		67.8	56.5	62.9	68.0	73.4	77.0					
TRAIN MILES		12.3	12.3	12.3	12.3	12.3	12.3					
NUMBER OF CARS IN FLEET		236.0	279.0	308.0	336.0	362.0	380.0					
NUMBER OF CARS DELIVERED		236.0	63.0	29.0	28.7	26.0	18.0					
FACILITIES INVESTMENT												
SERVICE FACILITIES												
TRACK UPGRADING & STRUCTURAL DEV'T		6.0										
LONG LEAD MATERIALS												
FENCING												
LAND ACQUISITION FOR TRACK REALIGNMENT												
SYSTEM TEST												
BRIDGE AND TUNNEL UPGRADING												
ELECTRIFICATION		58.3										
SIGNALING CONTROL		7.5										
STATIONS												
FREIGHT FACILITIES												
TOTAL FACILITIES INVESTMENT		72.1										

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MFC PRO FORMAS		FINANCIAL PROJECTIONS										PAGE
04/12/75		FOR THE COMBINED ENTITY										0
		YEAR 1982	YEAR 1983	YEAR 1984	YEAR 1985	YEAR 1986	YEAR 1987					
OPERATING INCOME ACCOUNTS		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES					
COMPUTER & LOCAL FREIGHT CONTRIBUTION		9.3	9.3	9.3	9.3	9.3	9.3					9.3
INTER-CORRIDOR AIRTRAIL CONTRIBUTION		1.9	1.9	1.9	1.9	1.9	1.9					1.9
PRIMARY REVENUE		194.9	230.4	256.7	277.7	290.5	314.4					314.4
TOTAL REVENUE		206.1	241.6	265.9	286.9	310.7	325.6					325.6
EXPENSES												
STATION PERSONNEL		6.71	8.01	8.01	9.61	10.41	10.91					10.91
STATION CLEANING AND UTILITIES		1.91	1.91	1.91	1.91	1.91	1.91					1.91
BRAGAGE CARTS		0.31	0.41	0.41	0.51	0.51	0.51					0.51
TRAIN SUPPLIES AND EXPENSES		6.51	7.71	8.51	9.21	10.01	10.51					10.51
SNACK BAR ATTENDANTS		2.81	3.31	3.61	3.91	4.21	4.61					4.61
TICKET AGENCY COMMISSIONS		3.91	4.61	5.11	5.61	6.01	6.31					6.31
RESERVATIONS		15.31	18.11	20.01	21.81	23.51	25.71					25.71
PROMOTION		9.71	10.71	11.71	12.61	13.61	13.81					13.81
PASSENGER SERVICE DEPARTMENT OVERHEAD		0.31	0.31	0.31	0.31	0.41	0.41					0.41
ICAR MAINTENANCE		19.11	22.61	25.01	27.21	29.31	30.81					30.81
W. OF P. DEPARTMENT OVERHEAD		1.91	2.01	2.11	2.31	2.51	2.71					2.71
ENERGY		6.61	7.81	8.61	9.41	10.11	10.61					10.61
CREW		19.01	19.01	19.01	19.01	19.01	19.01					19.01
SWITCHING		1.01	1.01	1.01	1.01	1.01	1.01					1.01
DISPATCHING		2.01	2.01	2.01	2.01	2.01	2.01					2.01
STATION MASTERS		6.71	6.71	6.71	6.71	6.71	6.71					6.71
TRANSPORTATION DEPARTMENT OVERHEAD		0.81	0.81	0.81	0.81	0.81	0.81					0.81
MAINTENANCE OF WAY AND STRUCTURES		21.61	21.61	21.61	21.61	21.61	21.61					21.61
MAINTENANCE OF CATERMAY		7.31	7.31	7.31	7.31	7.31	7.31					7.31
MAINTENANCE OF COMMUNICATION AND SIGNALS		5.61	5.61	5.61	5.61	5.61	5.61					5.61
MAINTENANCE OF STATIONS, SHOPS, & YARDS		4.21	4.21	4.21	4.21	4.21	4.21					4.21
W. OF M. DEPARTMENT SUPERVISION		3.31	3.31	3.31	3.31	3.31	3.31					3.31
TRANSPORTATION DEPT INSURANCE		1.91	1.91	1.91	1.91	1.91	1.91					1.91
GENERAL OVERHEAD		12.51	13.41	14.11	14.81	15.51	16.11					16.11
TOTAL OPERATING EXPENSES		159.01	171.61	180.61	189.31	198.31	205.01					205.01

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NET IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY	FINANCIAL PROJECTIONS					PAGE
	YEAR 1982	YEAR 1983	YEAR 1984	YEAR 1985	YEAR 1986	
SOURCES AND USES OF CASH	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	
TOTAL REVENUE	208.1	241.8	265.9	288.9	310.7	325.6
TOTAL OPERATING EXPENSES	159.0	171.4	180.6	189.5	198.3	205.0
OPERATING INCOME	49.1	70.0	85.3	99.4	112.4	120.6
OTHER SOURCES AND USES OF CASH						
SALE OF ROLLING STOCK						
PREPAYMENTS ON ROLLING STOCK						
FINAL PAYMENTS ON ROLLING STOCK	24.2	18.3	17.4	14.7	10.6	8.2
TOTAL FACILITIES INVESTMENT	37.8	6.9	6.6	4.5	4.2	2.9
REAL ASSET ACQUISITION	72.1					
CASH NEED INCREASE	52.5					
RECEIVABLES INCREASE	4.0	0.4	0.3	0.3	0.3	0.2
INVENTORY INCREASE	5.0	1.1	0.7	0.7	0.7	0.4
	8.8	0.4	0.2	0.2	0.2	0.2
NET CASH FLOW	-156.8	43.0	62.0	79.0	96.5	108.7
NEW SHORT TERM DEBT						
NEW LONG TERM DEBT	72.1					
NEW LONG TERM DEBT WITH SINKING FUND	52.5					
NEW PURCHASE BOND RETIREMENT						
LONG-TERM DEBT RETIREMENT			1.1	6.4	19.4	28.0
LIQUIDATION OF RESERVE						
FROM PURCHASE BOND INTEREST		56.2	56.2	56.2	56.2	56.2
SINKING FUND PAYMENT		35.6	35.6	35.6	35.6	35.6
INCOME FROM SINKING FUND (REINVESTED)		2.5	5.2	8.0	11.1	14.3
NET CASH AFTER DEBT TRANSACTIONS	-32.2	-48.4	-30.9	-19.2	14.7	-11.1
NEW GRANTS						
LIQUIDATION OF INVESTMENTS	61.9	25.2	27.1	10.2	14.7	11.1
INCOME FROM INVESTMENTS		21.5	8.2			
INVESTMENT OF SURPLUS		2.1	0.6			
TOTAL SOURCES OF CASH	233.7	121.3	121.4	126.6	136.2	146.3
TOTAL USES OF CASH	233.7	121.3	121.4	126.6	136.2	146.3

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MFC PROGRAM		09/12/75		MFC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY		FINANCIAL PROJECTIONS					13753153		PAGE		
						YEAR 1982	YEAR 1983	YEAR 1984	YEAR 1985	YEAR 1986	YEAR 1987			YEAR 1987	PAGE
INCOME ACCOUNT															
OPERATING INCOME		47.1	70.0	84.1	94.4	112.4	120.8								
SALE OF ROLLING STOCK															
INCOME FROM INVESTMENTS			2.1	0.6	8.0	11.1	14.3								
INCOME FROM SINKING FUND INVESTMENT			2.5	5.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2				
INTEREST EXPENSE			15.9	17.6	19.2	20.7	21.7								
ROLLING STOCK DEPRECIATION		13.5													
NET INCOME		33.6	2.5	17.3	32.0	44.6	57.0								
GENERAL BALANCE SHEETS															
ASSETS															
CASH		9.8	5.1	5.4	5.7	5.9	6.1								
OTHER RECEIVABLES		5.8	6.9	7.6	8.3	9.0	9.4								
PREPAYMENTS		34.5	23.3	24.2	21.0	14.9	11.6								
MATERIAL AND SUPPLIES		6.8	7.1	7.4	7.6	7.9	8.0								
INVESTMENTS		29.7	8.2	76.9	122.5	169.1	219.1								
SINKING FUND RESERVE			18.1	240.4	266.8	289.6	304.3								
ROLLING STOCK AT COST		188.8	223.7	47.0	66.2	86.9	108.6								
LESS ACCUMULATED DEPRECIATION		13.5	29.4												
ROLLING STOCK BOOK VALUE		175.3	193.8	190.4	202.6	202.7	195.4								
IMPROVEMENTS		2,080.8	2,080.8	2,080.8	2,080.8	2,080.8	2,080.8								
REAL ASSETS		802.9	802.9	802.9	802.9	802.9	802.9								
TOTAL ASSETS		3,140.6	3,168.3	3,206.5	3,251.3	3,293.2	3,333.3								
LIABILITIES															
SHORT TERM DEBT															
LONG TERM DEBT		2,080.8	2,080.8	2,079.7	2,073.3	2,053.9	2,025.9								
BOND PURCHASE BOND		802.9	802.9	802.9	802.9	802.9	802.9								
EQUITY ACCOUNTS															
TOTAL GRANTS		223.3	246.5	270.6	289.8	304.3	315.8								
RETAINED EARNINGS		33.6	36.1	53.3	85.3	131.6	186.9								
TOTAL LIABILITIES		3,140.6	3,168.3	3,206.5	3,251.3	3,293.2	3,333.3								
WORKING CAPITAL		47.1	27.4	20.4	21.6	22.8	23.5								

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APPENDIX F • 13

NEC PRO FORMAS	NEC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY		FINANCIAL PROJECTIONS					PAGE
	09/12/75		YEAR 1988	YEAR 1989	YEAR 1990	YEAR 1991	YEAR 1992	YEAR 1993
OPERATING AND INVESTMENT STATISTICS	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
PASSENGER TRIPS	28.4	29.2	30.0	30.0	30.0	30.0	30.0	30.0
PASSENGER HELPS	1,777.2	3,883.6	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0
CAR MILES	29.8	82.1	84.3	84.3	84.3	84.3	84.3	84.3
TRAIN MILES	17.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
NUMBER OF CARS IN FLEET	106.0	405.0	416.0	416.0	416.0	416.0	416.0	416.0
NUMBER OF CARS DELIVERED	14.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
FACILITIES INVESTMENT								
SERVICE FACILITIES								
TRACK UPGRADING & STRUCTURAL DEVT								
LONG LEAD MATERIALS								
TRAINING								
LAND ACQUISITION FOR TRACK REALIGNMENT								
SYSTEM TEST								
EMPLOY AND TUNNEL UPGRADING								
ELECTRIFICATION								
SIGNALING CONTROL								
STATIONS								
PORTFOLIO FACILITIES								
TOTAL FACILITIES INVESTMENT								

NEC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY

NEC PRO FORMS

09/12/75

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	YEAR 1988	YEAR 1989	YEAR 1990	YEAR 1991	YEAR 1992	YEAR 1993
OPERATING INCOME ACCOUNTS	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
COMPUTER & LOCAL FREIGHT CONTRIBUTION	9.3	9.3	9.3	9.3	9.3	9.3
INTER-CORPORATE CONTRIBUTION	1.9	1.9	1.9	1.9	1.9	1.9
PRIMARY REVENUE	125.8	134.8	145.9	154.8	164.9	176.4
TOTAL REVENUE	236.8	346.8	355.1	365.8	376.1	387.6
EXPENSES						
STATION PERSONNEL	11.2	11.6	11.9	12.3	12.6	13.0
STATION CLEANING AND UTILITIES	1.9	1.9	1.9	1.9	1.9	1.9
BAGGAGE CARPS	0.6	0.6	0.6	0.6	0.6	0.6
TRAIN SUPPLIES AND EXPENSES	10.9	11.2	11.5	11.8	12.1	12.5
ISBARR BAR ATTENDANTS	5.6	5.7	5.8	5.9	6.0	6.1
TICKET AGENCY COMMISSIONS	6.5	6.7	6.9	7.1	7.3	7.5
RESERVATIONS	25.6	26.3	27.0	27.8	28.6	29.5
PRORATION	15.7	15.9	16.2	16.7	17.2	17.7
PASSENGER SERVICE DEPARTMENT OVERHEAD	0.4	0.5	0.5	0.5	0.5	0.5
CAR MAINTENANCE	11.9	12.8	13.7	14.7	15.7	16.9
M. OF P. DEPARTMENT OVERHEAD	2.9	3.0	3.2	3.3	3.4	3.5
ENERGY	11.0	11.3	11.6	12.0	12.3	12.7
CREW	15.0	15.0	15.0	15.2	15.5	15.8
SWITCHING	1.0	1.0	1.0	1.0	1.0	1.0
DISPATCHING	2.0	2.0	2.0	2.0	2.0	2.0
STATION MASTERS	6.7	6.7	6.7	6.7	6.7	6.7
TRANSPORTATION DEPARTMENT OVERHEAD	0.8	0.8	0.8	0.8	0.8	0.8
MAINTENANCE OF WAY AND STRUCTURES	21.6	21.6	21.6	21.6	21.6	21.6
MAINTENANCE OF CATERARY	7.3	7.3	7.3	7.3	7.3	7.3
MAINTENANCE OF COMMUNICATION AND SIGNALS	5.6	5.6	5.6	5.6	5.6	5.6
MAINTENANCE OF STATIONS, SHOPS, L YARDS	4.2	4.2	4.2	4.2	4.2	4.2
M. OF P. DEPARTMENT SUPERVISION	3.3	3.3	3.3	3.3	3.3	3.3
TRANSPORTATION DEPT INSURANCE	1.9	1.9	1.9	1.9	1.9	1.9
GENERAL OVERHEAD	16.5	16.8	17.1	17.4	17.8	18.2
TOTAL OPERATING EXPENSES	210.1	216.3	218.3	222.9	227.4	232.3

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projections, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the data herein may not reflect the actual results. This illustration is solely for FRA purposes and is not intended to be a representation of or any other measure of performance or financial condition.

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MFC PRO FORMAS		MFC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY		FINANCIAL PROJECTIONS		PAGE 11	
		YEAR 1988	YEAR 1989	YEAR 1990	YEAR 1991	YEAR 1992	YEAR 1993
SOURCES AND USES OF CASH		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
TOTAL REVENUE		336.0	340.0	355.1	305.8	376.1	387.0
TOTAL OPERATING EXPENSES		210.1	214.3	214.3	222.9	227.4	232.3
OPERATING INCOME		125.9	125.7	140.8	182.9	148.7	154.7
OTHER SOURCES AND USES OF CASH							
SALE OF ROLLING STOCK							
PREPAYMENTS ON ROLLING STOCK							
PRINCIPAL PAYMENTS ON ROLLING STOCK		7.0	7.3	1.9	8.6	8.7	8.6
TOTAL FACILITIES INVESTMENT		2.2	1.8	1.8	1.9	2.1	2.2
REAL ASSET ACQUISITION							
CASH REFUND INCREASE		0.2	0.1	0.1	0.1	0.1	0.1
RECEIVABLES INCREASE		0.3	0.3	0.3	0.3	0.3	0.3
INVENTORY INCREASE		0.1	0.1	0.1	0.1	0.1	0.1
NET CASH FLOW		116.7	122.1	126.6	131.8	137.3	143.9
NEW SHORT TERM DEBT							
NEW LONG TERM DEBT							
NEW LONG TERM DEBT WITH SINKING FUND							
FROM PURCHASE BOND RETIREMENT		14.2	19.3	44.4	50.5	56.3	62.9
LONG-TERM DEBT PAYMENT							
LIQUIDATION OF RESERVE		56.2	56.2	56.2	56.2	56.2	56.2
FROM PURCHASE BOND INTEREST		35.6	35.6	35.6	35.6	35.6	35.6
SINKING FUND PAYMENT		17.8	21.6	25.6	29.9	34.4	39.3
INCOME FROM SINKING FUND (REINVESTED)							
NET CASH AFTER DEBT TRANSACTIONS		-9.3	-9.0	-5.7	-10.5	-10.8	-10.8
NEW GRANTS							
LIQUIDATION OF INVESTMENTS		9.3	9.0	9.7	10.5	10.8	10.8
INCOME FROM INVESTMENTS							
INVESTMENT OF SURPLUS							
TOTAL SOURCES OF CASH		153.8	162.3	172.0	183.2	193.9	205.4
TOTAL USES OF CASH		153.8	162.3	172.0	183.2	193.9	205.4

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FEA internal use. It is not intended for use in any proposal or in any other manner to encourage or induce any form of external financing.

NEC PRO FORMAS		09/14/75		NEC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY		FINANCIAL PROJECTIONS		13153153		PAGE 12	
		YEAR 1988	YEAR 1989	YEAR 1990	YEAR 1991	YEAR 1992	YEAR 1993				
INCOME ACCOUNT											
OPERATING INCOME											
SALE OF ROLLING STOCK											
INCOME FROM INVESTMENTS											
INCOME FROM SINKING FUND REINVESTED											
INTEREST TRFENSE											
ROLLING STOCK DEPRECIATION											
NET INCOME											
GENERAL BALANCE SHEETS											
ASSETS											
CASH											
OTHER RECEIVABLES											
PREPAYMENTS											
MATERIAL AND SUPPLIES											
INVESTMENTS											
SINKING FUND RESERVE											
ROLLING STOCK AT COST											
LESS ACCUMULATED DEPRECIATION											
ROLLING STOCK BOOK VALUE											
IMPROVEMENTS											
NET ASSETS											
TOTAL ASSETS											
LIABILITIES											
SHORT TERM DEBT											
LONG TERM DEBT											
IRON PURCHASE BOND											
EQUITY ACCOUNTS											
TOTAL GRANTS											
RETAINED EARNINGS											
TOTAL LIABILITIES											
WORKING CAPITAL											

NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE		FINANCIAL PROJECTIONS		PAGE 13	
09/12/75		LONG TERM FUTURE		11/53/75			
OPERATING AND INVESTMENT STATISTICS		YEAR 1994	YEAR 1995	YEAR 1996	YEAR 1997	YEAR 1998	YEAR 1999
PASSENGER TRIPS		11.8	14.8	15.8	16.9	18.0	19.1
PASSENGER MILES		6,405.6	6,628.6	6,761.4	6,907.7	7,044.0	7,200.5
CAR MILES		95.0	97.8	100.0	103.7	106.8	109.9
TRAIN MILES		14.0	13.1	13.3	13.4	13.6	13.8
NUMBER OF CARS IN FLEET		400.0	402.0	406.0	411.0	421.0	422.0
NUMBER OF CARS DELIVERED		13.0	14.0	15.0	16.0	17.0	18.0
FACILITIES INVESTMENT							
SERVICE FACILITIES							
TRACK UPGRADING & STRUCTURAL DEVT							
LONG LEAD MATERIALS							
FENCING							
LAND ACQUISITION FOR TRACK REALIGNMENT							
SYSTEM TEST							
BRIDGE AND TUNNEL UPGRADING							
ELECTRIFICATION							
SIGNALING CONTROL							
STATIONS							
PORTAL FACILITIES							
TOTAL FACILITIES INVESTMENT							

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The presentation of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may differ from the projection. This illustration is solely for FEA planning use and is not intended for use as an accounting or as any other manner to encourage or induce any form of external financing.

NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY		FINANCIAL PROJECTIONS		13153151		PAGE 14					
09/12/75		YEAR 1994		YEAR 1995		YEAR 1996		YEAR 1997		YEAR 1998		YEAR 1999	
		SOURCES USES		SOURCES USES		SOURCES USES		SOURCES USES		SOURCES USES		SOURCES USES	
OPERATING INCOME ACCOUNTS													
COMPUTER & LOCAL FREIGHT CONTRIBUTION		9.3		9.3		9.3		9.3		9.3		9.3	
INTER-CORRIDOR AIRTRAM CONTRIBUTION		1.9		1.9		1.9		1.9		1.9		1.9	
PRIMARY REVENUE		387.9		399.1		410.5		423.5		436.1		448.7	
TOTAL REVENUE		399.1		410.5		422.0		434.0		447.3		459.9	
EXPENSES													
STATION PERSONNEL		13.6		13.9		14.2		14.5		14.8		15.1	
STATION CLEANING AND UTILITIES		1.9		1.9		1.9		1.9		1.9		1.9	
TRAGAGE CARTS		0.7		0.7		0.7		0.7		0.8		0.8	
TRAIN SUPPLIES AND EXPENSES		12.9		13.3		13.7		14.1		14.5		14.9	
SMACK MAN ATTENDANTS		5.5		5.6		5.8		6.0		6.2		6.3	
TICKET AGENCY COMMISSIONS		7.0		8.0		8.2		8.5		8.7		9.0	
RESERVATIONS		30.8		31.3		32.2		33.2		34.2		35.2	
PROMOTION		18.3		18.8		19.4		20.0		20.6		21.2	
PASSENGER SERVICE DEPARTMENT OVERHEAD		0.5		0.6		0.6		0.6		0.6		0.6	
CAR MAINTENANCE		16.0		16.1		16.2		16.3		16.4		16.5	
M. OF T. DEPARTMENT OVERHEAD		1.6		1.7		1.8		1.9		2.0		2.1	
ENERGY		13.1		13.5		13.9		14.3		14.7		15.2	
CREW		20.0		20.3		20.5		20.8		21.1		21.3	
SWITCHING		1.0		1.0		1.0		1.0		1.0		1.0	
DISPATCHING		2.0		2.0		2.0		2.0		2.0		2.0	
STATION MASTERS		6.7		6.7		6.7		6.7		6.7		6.7	
TRANSPORTATION DEPARTMENT OVERHEAD		0.8		0.8		0.8		0.8		0.8		0.9	
MAINTENANCE OF WAY AND STRUCTURES		21.6		21.6		21.6		21.6		21.6		21.6	
MAINTENANCE OF CATERMAY		7.3		7.3		7.3		7.3		7.3		7.3	
MAINTENANCE OF COMMUNICATION AND SIGNALS		5.6		5.6		5.6		5.6		5.6		5.6	
MAINTENANCE OF STATIONS, SHOPS, & YARDS		4.2		4.2		4.2		4.2		4.2		4.2	
M. OF M. DEPARTMENT SUPERVISION		3.3		3.3		3.3		3.3		3.3		3.3	
TRANSPORTATION DEPT INSURANCE		2.0		2.0		2.1		2.1		2.1		2.1	
GENERAL OVERHEAD		16.0		16.0		16.4		19.8		20.2		20.6	
TOTAL OPERATING EXPENSES		237.2		242.2		247.2		252.6		258.0		263.4	

This statement has been prepared on the basis of information and assumptions set forth in Appendix A. The management of the company is responsible, however, for the accuracy of the information and assumptions which are used. Therefore, the management is not responsible for the accuracy of the information and assumptions set forth in Appendix A. This statement is subject to the audit of the independent accountants.

NEC PRO FORMAS	09/12/75	NEC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY						FINANCIAL PROJECTIONS		PAGE 14
		YEAR 1994	YEAR 1995	YEAR 1996	YEAR 1997	YEAR 1998	YEAR 1999			
SOURCES AND USES OF CASH		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES			
TOTAL REVENUE		199.1	310.5	522.0	414.0	441.3	659.0			
TOTAL OPERATING EXPENSES		231.7	242.2	247.2	252.6	290.0	263.0			
OPERATING INCOME		167.4	168.3	174.8	161.4	151.3	196.0			
OTHER SOURCES AND USES OF CASH										
SALE OF ROLLING STOCK										
PREPAYMENTS ON ROLLING STOCK										
FINAL PAYMENTS ON ROLLING STOCK										
TOTAL FACILITIES INVESTMENT										
NET ASSET ACQUISITION										
CASH NEED INCREASE										
INVENTORY INCREASE										
NET CASH FLOW		95.7	51.5	119.1	147.2	146.5	166.0			
NEW SHORT TERM DEBT										
NEW LONG TERM DEBT										
NEW LONG TERM DEBT WITH SINKING FUND										
NEW PURCHASE BOND RETIREMENT										
LONG-TERM DEBT RETIREMENT										
LIQUIDATION OF RESERVE										
NEW PURCHASE BOND INTEREST										
SINKING FUND PAYMENT										
INCOME FROM SINKING FUND INVESTMENT										
NET CASH AFTER DEBT TRANSACTIONS		-67.7	-116.2	-74.0	-37.0	-34.5	-32.1			
NEW GRANTS										
LIQUIDATION OF INVESTMENTS										
INCOME FROM INVESTMENTS										
INVESTMENT OF SURPLUS										
TOTAL SOURCES OF CASH		274.1	334.6	1,035.0	223.1	226.1	230.9			
TOTAL USES OF CASH		274.1	334.6	1,035.0	223.1	226.1	230.9			

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projections. This illustration is solely for FRA internal use. It is not intended for use in any presentation or in any other manner to encourage or induce any form of external financing.

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NEC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY						13:53:53	PAGE 10	
09/12/75		FINANCIAL PROJECTIONS						
NEC PRO FORMAS		YEAR 1994	YEAR 1995	YEAR 1996	YEAR 1997	YEAR 1998	YEAR 1999	
INCOME ACCOUNT								
OPERATING INCOME								
SALE OF ROLLING STOCK	161.9	166.3	174.6	182.0	189.3	196.5		
INCOME FROM INVESTMENTS								
INCOME FROM SINKING FUND REINVESTMENTS	44.0	50.2	56.2	62.4	68.6	74.8		
INTEREST EXPENSE	26.7	27.9	29.1	30.3	31.5	32.7		
ROLLING STOCK DEPRECIATION								
NET INCOME	123.5	134.7	145.9	156.3	161.5	167.6		
GENERAL BALANCE SHEETS								
ASSETS								
CASH	7.1	7.3	7.4	7.6	7.7	7.9		
OTHER RECEIVABLES	11.6	12.0	12.3	12.7	13.1	13.5		
PREPAYMENTS	69.0	173.9	47.9	19.1	37.6	35.3		
MATERIAL AND SUPPLIES	8.8	9.0	9.1	9.2	9.3	9.5		
INVESTMENTS								
SINKING FUND RESERVE	681.5	767.3	853.1	938.9	1024.7	1110.5		
ROLLING STOCK AT COST	174.4	185.2	196.8	208.4	219.9	231.5		
LESS ACCUMULATED DEPRECIATION	280.5	306.0	331.5	357.0	382.5	408.0		
ROLLING STOCK BOOK VALUE	93.9	79.2	65.3	51.4	37.4	23.5		
IMPROVEMENTS	2,090.8	2,080.8	2,080.8	2,080.8	2,080.8	2,080.8		
REAL ASSETS	602.9	802.9	802.9	802.9	802.9	802.9		
TOTAL ASSETS	3,755.7	3,930.7	3,709.7	3,718.8	3,223.8	3,223.8		
LIABILITIES								
SHORT TERM DEBT								
LONG TERM DEBT	1,668.8	1,592.9	1,435.5	1,250.7	1,059.7	861.7		
BOND PURCHASE BOND	802.9	802.9						
EQUITY ACCOUNTS								
TOTAL GRANTS	443.4	559.5	633.5	671.1	705.6	737.7		
RETAINED EARNINGS	840.6	975.3	1,140.7	1,297.0	1,458.5	1,626.2		
TOTAL LIABILITIES	3,755.7	3,930.7	3,209.7	3,218.8	3,223.8	3,223.8		
WORKING CAPITAL	27.6	28.2	28.8	29.5	30.2	30.8		

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NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY		FINANCIAL PROJECTIONS		PAGE 17	
09/12/75				13153153			
OPERATING AND INVESTMENT STATISTICS		YEAR 2000	YEAR 2001	YEAR 2002	YEAR 2003	YEAR 2004	YEAR 2005
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
PASSENGER TRIPS		40.3	41.5	42.7	44.0	45.3	46.7
PASSENGER MILES		5,359.9	5,519.5	5,679.1	5,852.0	6,024.9	6,211.1
CAR MILES		113.3	116.6	120.0	123.7	127.3	131.2
TRAIN MILES		13.9	14.1	14.3	14.4	14.6	14.8
NUMBER OF CARS IN FLEET		558.0	575.0	592.0	610.0	628.0	647.0
NUMBER OF CARS DELIVERED		42.0	35.0	31.0	29.0	29.0	31.0
FACILITIES INVESTMENT							
SERVICE FACILITIES							
TRACK UPGRADING & STRUCTURAL DEVT							
LOADING LEAD MATERIALS							
FENCING							
LAND ACQUISITION FOR TRACK REALIGNMENT							
SYSTEM TEST							
BRIDGE AND TUNNEL UPGRADING							
ELECTRIFICATION							
SIGNALING CONTROL							
STATIONS							
FREIGHT FACILITIES							
TOTAL FACILITIES INVESTMENT							

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may differ from the projection. This illustration is solely for FBA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of exterior financing.

NEC PROG FORMAS		FINANCIAL PROJECTIONS										PAL
09/12/75		FOR THE COMBINED ENTITY										18
		YEAR 2000	YEAR 2001	YEAR 2002	YEAR 2003	YEAR 2004	YEAR 2005					
OPERATING INCOME ACCOUNTS		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES					
COMPUTER & LOCAL FREIGHT CONTRIBUTION		9.1	9.3	9.3	9.3	9.3	9.3					
INTER-CORRIDOR AIRTRAIL CONTRIBUTION		1.9	1.9	1.9	1.9	1.9	1.9					
PRIMARY REVENUE		462.6	476.2	490.0	504.9	519.8	535.9					
TOTAL REVENUE		473.6	487.4	501.2	516.1	531.0	547.1					
EXPENSES												
STATION PERSONNEL		16.0	16.5	16.9	17.3	17.6	18.0					
STATION CLEANING AND UTILITIES		1.9	1.9	1.9	1.9	1.9	1.9					
BAGGAGE CARTS		0.8	0.8	0.9	0.9	0.9	0.9					
TRAIN SUPPLIES AND EXPENSES		15.4	15.9	16.3	16.8	17.3	17.8					
ISACER BAR ATTENDANTS		6.5	6.7	6.9	7.1	7.3	7.6					
TICKET AGENCY COMMISSIONS		9.2	9.5	9.8	10.1	10.4	10.7					
INFERRATIONS		36.3	37.3	38.4	39.6	40.8	42.0					
PROMOTION		21.8	22.3	23.1	23.8	24.5	25.3					
PASSENGER SERVICE DEPARTMENT OVERHEAD		0.6	0.7	0.7	0.7	0.7	0.7					
CAR MAINTENANCE		45.3	46.7	48.0	49.5	50.9	52.5					
M. OF P. DEPARTMENT OVERHEAD		4.3	4.4	4.6	4.7	4.8	5.0					
ENERGY		15.6	16.1	16.6	17.1	17.6	18.1					
CROWN		21.0	21.8	22.1	22.4	22.6	22.9					
SWITCHING		1.0	1.0	1.0	1.0	1.0	1.0					
DISPATCHING		2.0	2.0	2.0	2.0	2.0	2.0					
STATION MASTERS		6.7	6.7	6.7	6.7	6.7	6.7					
TRANSPORTATION DEPARTMENT OVERHEAD		0.4	0.4	0.4	0.4	0.4	0.4					
MAINTENANCE OF WAY AND STRUCTURES		21.6	21.6	21.6	21.6	21.6	21.6					
MAINTENANCE OF CATERING		7.3	7.3	7.3	7.3	7.3	7.3					
MAINTENANCE OF COMMUNICATION AND SIGNALS		5.6	5.6	5.6	5.6	5.6	5.6					
MAINTENANCE OF STATIONS, SHOPS, & YARDS		4.2	4.2	4.2	4.2	4.2	4.2					
M. OF M. DEPARTMENT SUPERVISION		3.3	3.3	3.3	3.3	3.3	3.3					
TRANSPORTATION DEPT INSURANCE		2.2	2.2	2.2	2.2	2.2	2.2					
GENERAL OVERHEAD		21.1	21.6	22.0	22.5	23.0	23.5					
TOTAL OPERATING EXPENSES		269.3	275.1	281.0	287.3	293.7	300.4					

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SEC. IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY		FINANCIAL PROJECTIONS					PAGE 19
09/12/75		YEAR 2000	YEAR 2001	YEAR 2002	YEAR 2003	YEAR 2004	YEAR 2005
SOURCES AND USES OF CASH		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
TOTAL REVENUE		423.6	487.4	501.2	516.1	531.0	547.1
TOTAL OPERATING EXPENSES		269.3	279.1	281.0	287.3	293.7	300.4
OPERATING INCOME		204.3	212.3	220.2	228.8	237.3	246.8
OTHER SOURCES AND USES OF CASH							
SALE OF POLLING STOCK		2.1	1.4	1.1	0.9	0.9	1.0
PRPAYMENTS ON ROLLING STOCK		21.4	19.4	18.8	19.0	20.1	21.0
FINAL PAYMENTS ON ROLLING STOCK		6.7	5.6	5.0	4.6	4.6	5.0
TOTAL FACILITIES INVESTMENT							
IFAL ASSET ACQUISITION		0.2	0.2	0.2	0.2	0.2	0.2
ICASH NEED INCREASE		0.4	0.4	0.4	0.4	0.4	0.5
I RECEIVABLES INCREASE		0.1	0.1	0.1	0.2	0.2	0.2
I INVENTORY INCREASE							
NET CASH FLOW		177.5	188.0	197.0	205.2	212.7	220.8
NEW SHORT TERM DEBT							
NEW LONG TERM DEBT							
NEW LONG TERM DEBT WITH SINKING FUND							
IRON PURCHASE BOND RETIREMENT		205.7	213.0	220.6	222.9		
ILONG-TERM DEBT RETIREMENT							
ILQUIDATION OF RESERVE							
IRON PURCHASE BOND INTEREST							
ISINKING FUND PAYMENT							
INCOME FROM SINKING FUND (REINVESTED)							
NET CASH AFTER DEBT TRANSACTIONS		-28.2	-25.0	-23.5	-17.3	212.7	220.8
NEW GRANTS							
ILQUIDATION OF INVESTMENTS							
INCOME FROM INVESTMENTS							
INVESTMENT OF SURPLUS							
TOTAL SOURCES OF CASH		234.6	238.7	244.8	253.3	263.4	270.6
TOTAL USES OF CASH		234.6	238.7	244.8	253.3	263.4	270.6

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NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY		FINANCIAL PROJECTIONS		PAGE 21	
00/12/79				13153193			
OPERATING AND INVESTMENT STATISTICS		YEAR 2006	YEAR 2007	YEAR 2008	YEAR 2009	YEAR 2010	YEAR 2011
SOURCES USES		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
PASSENGER TRIPS		48.1	49.5	51.0	52.5	54.1	55.7
PASSENGER MILES		6,397.3	6,583.5	6,783.0	6,982.5	7,195.3	7,408.1
CAR MILES		135.2	139.1	143.3	147.5	152.0	156.5
TRAIN MILES		14.9	15.1	15.3	15.4	15.6	15.8
NUMBER OF CARS IN FLEET		666.0	686.0	707.0	727.0	749.0	772.0
NUMBER OF CARS DELIVERED		32.0	34.2	34.0	34.0	272.0	61.0
FACILITIES INVESTMENT							
SERVICE FACILITIES							
TRACK UPGRADING & STRUCTURAL DEV'T							
SIGNALING MATERIALS							
FENCING							
LAND ACQUISITION FOR TRACK REALIGNMENT							
SYSTEM TEST							
BRIDGE AND TUNNEL UPGRADING							
ELECTRIFICATION							
SIGNALING CONTROL							
STATIONS							
FREIGHT FACILITIES							
TOTAL FACILITIES INVESTMENT							

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MFC PRO FORMAS		MFC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY		FINANCIAL PROJECTIONS 1993/94		PAGE 22	
		YEAR 2006	YEAR 2007	YEAR 2008	YEAR 2009	YEAR 2010	YEAR 2011
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
OPERATING INCOME ACCOUNTS							
COMPUTER & LOCAL FREIGHT CONTRIBUTION		9.3	9.3	9.3	9.3	9.3	9.3
ENTER-CORRIDOR ANTIRAIL CONTRIBUTION		3.9	1.9	1.9	1.9	1.9	1.9
PRIMARY REVENUE		551.9	568.0	585.2	602.4	620.8	639.2
TOTAL REVENUE		563.1	579.2	596.4	613.6	632.0	650.4
EXPENSES							
STATION PERSONNEL		19.1	19.6	20.2	20.8	21.5	22.1
STATION CLEANING AND UTILITIES		1.9	1.9	1.9	1.9	1.9	1.9
BAGGAGE CARTS		1.0	1.0	1.0	1.0	1.1	1.1
TRAIN SUPPLIES AND EXPENSES		18.4	18.9	19.3	20.1	20.7	21.3
SNACK BAR ATTENDANTS		7.8	8.0	8.3	8.5	8.8	9.0
TICKET AGENCY COMMISSIONS		11.0	11.4	11.7	12.0	12.4	12.8
RESERVATIONS		43.3	44.5	45.9	47.2	48.7	50.1
PROMOTION		26.0	26.8	27.6	28.4	29.3	30.2
PASSENGER SERVICE DEPARTMENT OVERHEAD		0.8	0.8	0.8	0.8	0.9	0.9
PCAR MAINTENANCE		54.1	55.6	57.3	59.0	60.8	62.6
M. OF E. DEPARTMENT OVERHEAD		5.1	5.3	5.4	5.6	5.7	5.9
ENERGY		18.7	19.2	19.8	20.4	21.0	21.6
ICREN		23.1	23.4	23.6	23.9	24.2	24.4
SWITCHING		1.0	1.0	1.0	1.0	1.0	1.0
DISPATCHING		2.0	2.0	2.0	2.0	2.0	2.0
STATION MASTERS		4.7	4.7	4.7	4.7	4.7	4.7
TRANSPORTATION DEPARTMENT OVERHEAD		0.9	0.9	0.9	0.9	0.9	0.9
MAINTENANCE OF WAY AND STRUCTURES		21.6	21.6	21.6	21.6	21.6	21.6
MAINTENANCE OF CATENARY		7.3	7.3	7.3	7.3	7.3	7.3
MAINTENANCE OF COMMUNICATION AND SIGNALS		5.6	5.6	5.6	5.6	5.6	5.6
MAINTENANCE OF STATIONS, SHOPS, & YARDS		4.2	4.2	4.2	4.2	4.2	4.2
M. OF W. DEPARTMENT SUPERVISION		3.3	3.3	3.3	3.3	3.3	3.3
TRANSPORTATION DEPT INSURANCE		2.3	2.3	2.4	2.4	2.4	2.4
GENERAL OVERHEAD		24.1	24.6	25.2	25.7	26.3	27.0
TOTAL OPERATING EXPENSES		307.2	314.3	321.3	328.6	336.3	344.0

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NEC PRO FORMAS	09/12/75	NEC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY					FINANCIAL PROJECTIONS					PAGE 23	
		YEAR 2006	YEAR 2007	YEAR 2008	YEAR 2009	YEAR 2010	YEAR 2011						
SOURCES AND USES OF CASH		SOURCES	USES	SOURCES	USES	SOURCES	USES	SOURCES	USES	SOURCES	USES		
TOTAL REVENUE		563.1	579.2	596.4	613.6	632.0	650.4						
TOTAL OPERATING EXPENSES		307.2	314.1	321.3	328.6	336.3	344.0						
OPERATING INCOME		255.9	265.1	275.1	285.0	295.7	306.4						
OTHER SOURCES AND USES OF CASH													
SALE OF ROLLING STOCK		1.0	1.1	1.0	1.1	20.0	4.6						
PREPAYMENTS ON ROLLING STOCK		21.8	21.8	78.9	128.2	48.7	43.3						
FINAL PAYMENTS ON ROLLING STOCK		5.1	5.4	5.4	5.4	43.5	13.0						
TOTAL FACILITIES INVESTMENT													
REAL ASSET ACQUISITION		0.2	0.2	0.2	0.2	0.2	0.2						
CASH NEED INCREASE		0.5	0.5	0.5	0.5	0.6	0.6						
RECEIVABLES INCREASE		0.2	0.2	0.2	0.2	0.2	0.2						
INVENTORY INCREASE													
NET CASH FLOW		229.2	238.2	190.9	151.5	222.5	3,608.7						
NEW SHORT TERM DEBT													
NEW LONG TERM DEBT													
NEW LONG TERM DEBT WITH SINKING FUND													
BOND PURCHASE BOND RETIREMENT													
LONG-TERM DEBT RETIREMENT													
LIQUIDATION OF RESERVE													
BOND PURCHASE BOND INTEREST													
SINKING FUND PAYMENT													
INCOME FROM SINKING FUND (REINVESTED)													
NET CASH AFTER DEBT TRANSACTIONS		229.2	238.2	190.9	151.5	222.5	253.8						
NEW GRANTS													
LIQUIDATION OF INVESTMENTS		26.9	27.2	84.3	133.7	92.2	56.2						
INCOME FROM INVESTMENTS		35.6	56.0	78.5	103.2	130.4	161.6						
INVESTMENT OF SURPLUS		201.6	321.4	353.7	388.4	445.1	671.6						
TOTAL SOURCES OF CASH		319.3	349.4	438.9	523.0	538.4	528.8						
TOTAL USES OF CASH		319.3	349.4	438.9	523.0	538.4	528.8						

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NEC PRO FORMAS		09/12/75		NEC IMPROVEMENT PROGRAM FOR THE COMBINED ENTITY		FINANCIAL PROJECTIONS		13/93/93		PAGE 29	
INCOME ACCOUNT		YEAR 2006	YEAR 2007	YEAR 2008	YEAR 2009	YEAR 2010	YEAR 2011				
OPERATING INCOME		255.9	265.1	275.1	285.0	295.7	306.4				
SALE OF ROLLING STOCK		1.0	1.1	1.0	1.1	20.0	6.6				
INCOME FROM INVESTMENTS		35.6	56.0	76.5	103.7	130.4	161.6				
INCOME FROM STAKING FUND INVESTMENT											
INTEREST EXPENSE		38.1	39.2	40.4	41.5	42.8	44.1				
ROLLING STOCK DEPRECIATION											
NET INCOME		254.4	283.0	314.2	347.8	403.3	428.5				
GENERAL BALANCE SHEETS											
ASSETS											
CASH		9.2	9.4	9.6	9.9	10.1	10.3				
OTHER RECEIVABLES		16.0	17.0	17.6	18.1	18.6	19.2				
PREPAYMENTS		29.0	29.0	32.0	193.5	68.2	59.6				
MATERIAL AND SUPPLIES		10.6	10.8	10.9	11.1	11.3	11.5				
INVESTMENTS		199.6	1,121.0	1,476.7	1,863.1	2,308.2	2,779.8				
STAKING FUND RESERVE		532.8	546.8	565.6	581.6	599.2	617.6				
ROLLING STOCK AT COST		316.2	346.2	376.2	406.5	449.9	497.0				
LESS ACCUMULATED DEPRECIATION		214.6	202.6	189.4	175.1	349.9	370.6				
ROLLING STOCK BOOK VALUE		2,080.8	2,080.8	2,080.8	2,080.8	2,080.8	2,080.8				
IMPROVEMENTS		802.9	802.9	802.9	802.9	802.9	802.9				
REAL ASSETS											
TOTAL ASSETS		3,964.1	4,274.5	4,673.0	5,154.5	5,650.0	6,134.7				
LIABILITIES											
SHORT TERM DEBT											
LONG TERM DEBT											
BOND PURCHASE BOND											
EQUITY ACCOUNTS											
TOTAL GRANTS		915.5	942.7	1,027.0	1,160.7	1,253.0	1,309.2				
RETAINED EARNINGS		3,048.7	3,331.7	3,645.9	3,993.7	4,397.0	4,825.5				
TOTAL LIABILITIES		3,964.2	4,274.5	4,673.0	5,154.5	5,650.0	6,134.7				
WORKING CAPITAL		836.0	1,158.2	1,512.8	1,902.2	2,348.3	2,820.9				

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- 1- ACQUISITION OF AMORTIZED ASSETS INCLUDES THE INTEREST ON THE R.O.M. PURCHASE BONDS ONLY THROUGH 1982. THIS INTEREST IS INCLUDED IN THE CASH STREAM FOR ROI.
- 2- THE BOOK VALUE OF ASSETS LESS INVESTMENTS MAY BE ADDED TO THE "NET CASH FLOW" FIGURE IN THE LAST YEAR AS A TERMINAL VALUE.
- 3- WORKING CAPITAL IS CASH, INVESTMENTS, PREPAYMENTS, MATERIALS, AND SUPPLIES LESS SHORT DEBT.
- 4- ROI IS CALCULATED ON THE STREAM OF "NET CASH BEFORE CAPITAL SERVICE".

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VARIABLE NAME	UNIT	VALUE LIST
ILEMGO PERCENT 6-MAN TRAIN MILES	%	97.61
ICREMS FIVE-MAN CREW	%	1.911
ILFNGS PERCENT 3-MAN TRAIN MILES	%	2.41
ICREW 151X-MAH CREW	%	2.281
ILEMGO PERCENT 6-MAN TRAIN MILES	%	01
ITMS8211982 TRAIN MILES	TM	12.261
ITMS8211982 TRAIN MILES	TM	12.261
ITMS8211982 TRAIN MILES	TM	15.711
ITMS8211982 TRAIN MILES	TM	11
ITMS8211982 TRAIN MILES	TM	21
ITMS8211982 TRAIN MILES	TM	6.71
ITMS8211982 TRAIN MILES	TM	21.631
ITMS8211982 TRAIN MILES	TM	1.321
ITMS8211982 TRAIN MILES	TM	5.541
ITMS8211982 TRAIN MILES	TM	6.21
ITMS8211982 TRAIN MILES	TM	31
ITMS8211982 TRAIN MILES	TM	81
ITMS8211982 TRAIN MILES	TM	11
ITMS8211982 TRAIN MILES	TM	101
ITMS8211982 TRAIN MILES	TM	3.31
ITMS8211982 TRAIN MILES	TM	101
ITMS8211982 TRAIN MILES	TM	8.51
ITMS8211982 TRAIN MILES	TM	01
ITMS8211982 TRAIN MILES	TM	01
ITMS8211982 TRAIN MILES	TM	171
ITMS8211982 TRAIN MILES	TM	20.11
ITMS8211982 TRAIN MILES	TM	22.21
ITMS8211982 TRAIN MILES	TM	24.21
ITMS8211982 TRAIN MILES	TM	26.31
ITMS8211982 TRAIN MILES	TM	27.61
ITMS8211982 TRAIN MILES	TM	28.61
ITMS8211982 TRAIN MILES	TM	29.71
ITMS8211982 TRAIN MILES	TM	101
ITMS8211982 TRAIN MILES	TM	30.91
ITMS8211982 TRAIN MILES	TM	31.01
ITMS8211982 TRAIN MILES	TM	32.41
ITMS8211982 TRAIN MILES	TM	33.81
ITMS8211982 TRAIN MILES	TM	34.81
ITMS8211982 TRAIN MILES	TM	35.01
ITMS8211982 TRAIN MILES	TM	36.01
ITMS8211982 TRAIN MILES	TM	361
ITMS8211982 TRAIN MILES	TM	39.11
ITMS8211982 TRAIN MILES	TM	40.11
ITMS8211982 TRAIN MILES	TM	41.51
ITMS8211982 TRAIN MILES	TM	42.71

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A COMPLETE LIST OF MODEL INPUT VARIABLES AS DEFINED FOR THIS EXECUTION			PAGE 1	
VARIABLE NAME	VALUE LIST			
PMLS PASSENGER MILES	20031	0	45.31	0
	20041	0	41.71	0
	20051	0	48.11	0
	20061	0	49.51	0
	20071	0	511	0
	20081	0	52.51	0
	20091	0	54.11	0
	20101	0	55.71	0
	20111	0	01	0
	19761	0	01	0
	19771	0	01	0
	19781	0	01	0
	19791	0	01	0
	19801	0	01	0
	19811	0	22611	0
	19821	0	2673.31	0
	19831	0	2952.61	0
	19841	0	3218.61	0
	19851	0	3471.31	0
	19861	0	3644.21	0
FARE FARE REVENUE	19871	0	3777.21	0
	19881	0	3883.61	0
	19891	0	39901	0
	19901	0	4109.71	0
	19911	0	4229.41	0
	19921	0	4362.41	0
	19931	0	4495.41	0
	19941	0	4628.41	0
	19951	0	4761.41	0
	19961	0	4907.71	0
	19971	0	50541	0
	19981	0	5200.31	0
	19991	0	5359.91	0
	20001	0	5519.51	0
	20011	0	5679.11	0
	20021	0	58521	0
	20031	0	6024.91	0
	20041	0	6211.11	0
	20051	0	6397.31	0
	20061	0	6583.51	0
	20071	0	67831	0
	20081	0	6982.51	0
	20091	0	7195.31	0
	20101	0	7408.11	0
	20111	0	01	0
	19761	0	01	0
	19771	0	01	0
	19781	0	01	0
	19791	0	01	0

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A COMPLETE LIST OF MODEL INPUT VARIABLES AS DEFINED FOR THIS EXECUTION			PAGE 5
VARIABLE NAME	VALUE LIST		
19931	0	0	01
19941	0	0	01
19951	0	0	01
19961	0	0	01
19971	0	0	01
19981	0	0	01
19991	0	0	01
20001	0	0	01
20011	0	0	01
20021	0	0	01
20031	0	0	01
20041	0	0	01
20051	0	0	01
20061	0	0	01
20071	0	0	01
20081	0	0	01
20091	0	0	01
20101	0	0	01
20111	0	0	01
19761	52	52	521
19771	33	33	331
19781	34	34	341
19791	4	4	41
19801	5	5	51
19811	3	3	31
19821	0	0	01
19831	0	0	01
19841	0	0	01
19851	0	0	01
19861	0	0	01
19871	0	0	01
19881	0	0	01
19891	0	0	01
19901	0	0	01
19911	0	0	01
19921	0	0	01
19931	0	0	01
19941	0	0	01
19951	0	0	01
19961	0	0	01
19971	0	0	01
19981	0	0	01
19991	0	0	01
20001	0	0	01
20011	0	0	01
20021	0	0	01
20031	0	0	01
20041	0	0	01
20051	0	0	01

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A COMPLETE LIST OF MODEL INPUT VARIABLES AS DEFINED FOR THIS EXECUTION			PAGE 6
VARIABLE NAME	VALUE LIST		
	20001	0	0
	20071	0	0
	20081	0	0
	20091	0	0
	20101	0	0
	20111	0	0
	19761	0	0
	19771	21.667	21.667
	19781	21.666	21.666
	19791	21.666	21.666
	19801	0	0
	19811	0	0
	19821	0	0
	19831	0	0
	19841	0	0
	19851	0	0
	19861	0	0
	19871	0	0
	19881	0	0
	19891	0	0
	19901	0	0
	19911	0	0
	19921	0	0
	19931	0	0
	19941	0	0
	19951	0	0
	19961	0	0
	19971	0	0
	19981	0	0
	19991	0	0
	20001	0	0
	20011	0	0
	20021	0	0
	20031	0	0
	20041	0	0
	20051	0	0
	20061	0	0
	20071	0	0
	20081	0	0
	20091	0	0
	20101	0	0
	20111	0	0
	19761	0	0
	19771	0	0
	19781	0	0
	19791	0	0
	19801	0	0
	19811	0	0
	19821	0	0
	19831	0	0
	19841	0	0
	19851	0	0
	19861	0	0
	19871	0	0
	19881	0	0
	19891	0	0
	19901	0	0
	19911	0	0
	19921	0	0
	19931	0	0
	19941	0	0
	19951	0	0
	19961	0	0
	19971	0	0
	19981	0	0
	19991	0	0
	20001	0	0
	20011	0	0
	20021	0	0
	20031	0	0
	20041	0	0
	20051	0	0
	20061	0	0
	20071	0	0
	20081	0	0
	20091	0	0
	20101	0	0
	20111	0	0
	19761	0	0
	19771	0	0
	19781	0	0
	19791	0	0
	19801	0	0
	19811	0	0
	19821	0	0
	19831	0	0
	19841	0	0
	19851	0	0
	19861	0	0
	19871	0	0
	19881	0	0
	19891	0	0
	19901	0	0
	19911	0	0
	19921	0	0
	19931	0	0
	19941	0	0
	19951	0	0
	19961	0	0
	19971	0	0
	19981	0	0
	19991	0	0
	20001	0	0
	20011	0	0
	20021	0	0
	20031	0	0
	20041	0	0
	20051		

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A COMPLETE LIST OF MODEL INPUT VARIABLES AS DEFINED FOR THIS EXECUTION		PAGE 8
VARIABLE NAME	VALUE LIST	
LAND ACQUISITION FOR TRACT REALIGNMENT	1996	01
	1997	01
	1998	01
	1999	01
	2000	01
	2001	01
	2002	01
	2003	01
	2004	01
	2005	01
	2006	01
	2007	01
	2008	01
	2009	01
	2010	01
	2011	01
	1976	01
	1977	01
	1978	01
	1979	01
	1980	01
	1981	01
	1982	01
	1983	01
	1984	01
	1985	01
	1986	01
	1987	01
	1988	01
	1989	01
	1990	01
	1991	01
	1992	01
	1993	01
	1994	01
	1995	01
	1996	01
	1997	01
	1998	01
	1999	01
	2000	01
	2001	01
	2002	01
	2003	01
	2004	01
	2005	01
	2006	01
	2007	01
	2008	01
	2009	01
	2010	01
	2011	01
LAG		9.8
		21.71
		16.11
		1.4

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A COMPLETE LIST OF MODEL INPUT VARIABLES AS DEFINED FOR THIS EXECUTION		PAGE 10	
VARIABLE NAME	VALUE LIST		
LTU	1986	0	01
	1987	0	01
	1988	0	01
	1989	0	01
	1990	0	01
	1991	0	01
	1992	0	01
	1993	0	01
	1994	0	01
	1995	0	01
	1996	0	01
	1997	0	01
	1998	0	01
	1999	0	01
	2000	0	01
	2001	0	01
	2002	0	01
	2003	0	01
	2004	0	01
	2005	0	01
	2006	0	01
BRIDGE AND TUNNEL UPGRADING	2007	0	01
	2008	0	01
	2009	0	01
	2010	0	01
	2011	0	01
	1976	53.80	01
	1977	64.71	01
	1978	64.71	01
	1979	64.71	01
	1980	64.71	01
	1981	48.36	01
	1982	0	01
	1983	0	01
	1984	0	01
	1985	0	01
	1986	0	01
	1987	0	01
	1988	0	01
	1989	0	01
	1990	0	01
	1991	0	01
	1992	0	01
	1993	0	01
	1994	0	01
	1995	0	01
	1996	0	01
	1997	0	01
	1998	0	01

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A COMPLETE LIST OF MODEL INPUT VARIABLES
AS DEFINED FOR THIS EXECUTION

PAGE 11

VAR. TABLE NAME	VALUE LIST	
SELF	1999	0
	2000	0
	2001	0
	2002	0
	2003	0
	2004	0
	2005	0
	2006	0
	2007	0
	2008	0
	2009	0
	2010	0
	2011	0
ELECTRIFICATION	1976	0.974
	1977	1.99
	1978	15.57
	1979	62.15
	1980	68
	1981	22.31
	1982	0
	1983	0
	1984	0
	1985	0
	1986	0
	1987	0
	1988	0
	1989	0
	1990	0
	1991	0
	1992	0
	1993	0
	1994	0
	1995	0
	1996	0
	1997	0
	1998	0
	1999	0
	2000	0
	2001	0
	2002	0
	2003	0
	2004	0
	2005	0
	2006	0
	2007	0
	2008	0
	2009	0
	2010	0
	2011	0

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FBA, internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

A COMPLETE LIST OF MODEL INPUT VARIABLES AS DEFINED FOR THE EXECUTION		PAGE 12	
VARIABLE NAME	VALUE LIST		
USG SIGNALING CONTROL	19761	0	5.44
	19771	0	7.14
	19781	0	7.94
	19791	0	64.64
	19801	0	64.75
	19811	0	67.75
	19821	0	58.54
	19831	0	0
	19841	0	0
	19851	0	0
	19861	0	0
	19871	0	0
	19881	0	0
	19891	0	0
	19901	0	0
	19911	0	0
	19921	0	0
	19931	0	0
	19941	0	0
	19951	0	0
USMP SERVICE FACILITIES	19961	0	0
	19971	0	0
	19981	0	0
	19991	0	0
	20001	0	0
	20011	0	0
	20021	0	0
	20031	0	0
	20041	0	0
	20051	0	0
	20061	0	0
	20071	0	0
	20081	0	0
	20091	0	0
	20101	0	0
	20111	0	0
	19761	0	11.57
	19771	0	25.77
	19781	0	27.16
	19791	0	27.16
	19801	0	30.37
	19811	0	40.97
	19821	0	0
	19831	0	0
	19841	0	0
	19851	0	0
	19861	0	0
	19871	0	0
	19881	0	0

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

A COMPLETE LIST OF MODEL INPUT VARIABLES
AS DEFINED FOR THIS EXECUTION

PAGE 13

VARIABLE NAME	VALUE LIST	STATIONS
	1989	01
	1990	01
	1991	01
	1992	01
	1993	01
	1994	01
	1995	01
	1996	01
	1997	01
	1998	01
	1999	01
	2000	01
	2001	01
	2002	01
	2003	01
	2004	01
	2005	01
	2006	01
	2007	01
	2008	01
	2009	01
	2010	01
	2011	01
	1976	3.61
	1977	7.80
	1978	29.77
	1979	68.51
	1980	68.74
	1981	44.74
	1982	7.53
	1983	01
	1984	01
	1985	01
	1986	01
	1987	01
	1988	01
	1989	01
	1990	01
	1991	01
	1992	01
	1993	01
	1994	01
	1995	01
	1996	01
	1997	01
	1998	01
	1999	01
	2000	01
	2001	01
	2002	01

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projections. This illustration is solely for PRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

A COMPLETE LIST OF MODEL INPUT VARIABLES AS DEFINED FOR THIS EXECUTION		PAGE 15	
VAR LABEL NAME	VALUE LIST		
PERSON	20021	0	01
	20031	0	01
	20041	0	01
	20051	0	01
	20061	0	01
	20071	0	01
	20081	0	01
	20091	0	01
	20101	0	01
	20111	0	01
	19761	0	301
	19771	0	501
	19781	0	301
	19791	0	01
	19801	0	01
	19811	0	01
	19821	0	01
	19831	0	01
	19841	0	01
	19851	0	01
	19861	0	01
PERF	19871	0	01
	19881	0	01
	19891	0	01
	19901	0	01
	19911	0	01
	19921	0	01
	19931	0	01
	19941	0	01
	19951	0	01
	19961	0	01
	19971	0	01
	19981	0	01
	19991	0	01
	20001	0	01
	20011	0	01
	20021	0	01
	20031	0	01
	20041	0	01
	20051	0	01
	20061	0	01
PERF	20071	0	01
	20081	0	01
	20091	0	01
	20101	0	01
	20111	0	01
PERF	19761	0	01
	19771	0	01
	19781	0	01

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

A COMPLETE LIST OF MODEL INPUT VARIABLES
AS DEFINED FOR THIS EXECUTION

PAGE 13

VARIABLE NAME	VALUE LIST
	1979
	1980
	1981
	1982
	1983
	1984
	1985
	1986
	1987
	1988
	1989
	1990
	1991
	1992
	1993
	1994
	1995
	1996
	1997
	1998
	1999
	2000
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	2002
	2003
	2004
	2005
	2006
	2007
	2008
	2009
	2010
	2011

1.

APPENDIX G

**FINANCIAL PROJECTIONS
FOR THE OWNER/OPERATOR
ORGANIZATIONAL STRUCTURE**

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

NEC IMPROVEMENT PROGRAM - - - FINANCIAL PROJECTIONS
BOSTON-WASHINGTON HIGH-SPEED RAILWAY

VEHICLES IN UNITS
ALL OTHER FIGURES IN MILLIONS

THIS CASE USES THE BASELINE COSTS, BUT DIVIDES THE FUNCTIONS BETWEEN AN OWNER AND AN OPERATOR. THE OPERATOR SUBSIDIZES THE OWNER'S COSTS AND SINKING FUND PAYMENTS AND TRANSFERS 25% OF HIS INCOME TO THE OWNER

ENTITY	RETURN ON INVESTMENT	NET PRESENT VALUE
OWNER	0.0008	-2,055.502
OPERATOR	30.2978	640.406
PROJECT NET.		
TOTAL PROJECT	3.3168	-1,796.112

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

NEC IMPROVEMENT PROGRAM - - - FINANCIAL PROJECTIONS
CASH FLOW SUMMARY

NAME OF ENTITY	YEAR 1976	YEAR 1977	YEAR 1978	YEAR 1979	YEAR 1980	YEAR 1981
OWNER	-715.7	-327.9	-374.4	-534.5	-453.9	-352.6
OPERATOR	-63.4	-66.1	-67.1	-37.1	-38.6	-104.7
PROJECT MGT.	-770.1	-394.0	-441.5	-571.6	-526.0	-473.7
TOTAL PROJECT						
OWNER						
OPERATOR						
PROJECT MGT.						
TOTAL PROJECT						
OWNER	-130.3	39.0	57.9	74.9	92.4	104.6
OPERATOR	-32.2					
PROJECT MGT.	-14.4					
TOTAL PROJECT	-176.9	39.0	57.9	74.9	92.4	104.6
OWNER						
OPERATOR						
PROJECT MGT.						
TOTAL PROJECT						
OWNER	112.7	118.0	122.5	127.8	133.3	139.8
OPERATOR						
PROJECT MGT.						
TOTAL PROJECT	112.7	118.0	122.5	127.8	133.3	139.8

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

NEC IMPROVEMENT PROGRAM - - - FINANCIAL PROJECTIONS
C A S H F L O W S U M M A R Y

NAME OF ENTITY	YEAR						PAGE	
	1994	1995	1996	1997	1998	1999	2	
OWNER OPERATOR PROJECT MGT.	89.5	67.4	115.0	143.1	152.4	161.9		
TOTAL PROJECT	89.5	67.4	115.0	143.1	152.4	161.9		
OWNER OPERATOR PROJECT MGT.	173.5	183.9	193.0	201.1	208.6	216.8		
TOTAL PROJECT	173.5	183.9	193.0	201.1	208.6	216.8		
OWNER OPERATOR PROJECT MGT.	225.1	234.1	186.8	147.5	218.4	2,889.3		
TOTAL PROJECT	225.1	234.1	186.8	147.5	218.4	3,606.2		

APPENDIX G • 5

NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE		FINANCIAL PROJECTIONS		PAGE	
11/25/75		OWNER ENTITY		DE 104123			
		YEAR 1976	YEAR 1977	YEAR 1978	YEAR 1979	YEAR 1980	YEAR 1981
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
OPERATING AND INVESTMENT STATISTICS							
PASSENGER TRIPS							
PASSENGER MILES							
TRAIN MILES							
FACILITIES INVESTMENT							
ISERVICE FACILITIES							
TRACK UPGRADING & STRUCTURAL DEVT		11.0	25.8	27.2	27.2	30.4	41.0
FLOOR LEAD MATERIALS		65.5	60.7	48.9	108.4	82.7	55.0
FENCING			28.6	64.3	81.1		4.4
ISLAND ACQUISITION FOR TRACK REALIGNMENT		9.8	21.7	16.1	1.4	24.8	
SYSTEM TEST				6.0	64.7	64.7	48.4
BRIDGE AND TUNNEL UPGRADING		53.8	64.7	64.7	62.1	48.0	22.3
ELECTRIFICATION		1.0	4.0	35.6	44.4	88.7	87.7
SIGNALING CONTROL		5.4	7.9	7.9	88.5	88.7	44.7
STATIONS		3.6	7.9	29.8			
FREIGHT FACILITIES		10.0	50.0	30.0			
TOTAL FACILITIES INVESTMENT		180.7	290.5	334.4	491.6	608.0	303.9

APPENDIX G • 6

NEC IMPROVEMENT PROGRAM FOR THE		FINANCIAL PROJECTIONS					PAGE	
11/25/75		OWNER	YEAR 1976	YEAR 1977	YEAR 1978	YEAR 1979	YEAR 1980	YEAR 1981
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
OPERATING INCOME ACCOUNTS								
PRIMARY REVENUE								
TOTAL REVENUE								
EXPENSES								
DISPATCHING								
TRANSPORTATION DEPARTMENT OVERHEAD								
MAINTENANCE OF WAY AND STRUCTURES								
MAINTENANCE OF CATENARY								
MAINTENANCE OF COMMUNICATION AND SIGNALS								
MAINTENANCE OF STATIONS, SHOPS, & YARDS								
M. OF M. DEPARTMENT SUPERVISION								
GENERAL OVERHEAD								
TOTAL OPERATING EXPENSES								

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE		FINANCIAL PROJECTIONS		PAGE	
11/25/75		OWNER		ENTITY		3	
SOURCES AND USES OF CASH		YEAR 1974	YEAR 1977	YEAR 1978	YEAR 1979	YEAR 1980	YEAR 1981
SOURCES USES		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
TOTAL REVENUE		180.7	790.5	334.4	491.6	408.0	303.5
TOTAL OPERATING EXPENSES		535.0	37.4	60.1	42.9	45.9	49.1
OPERATING INCOME							
OTHER SOURCES AND USES OF CASH							
TOTAL FACILITIES INVESTMENT							
REAL ASSET ACQUISITION							
CASH NEED INCREASE							
INVENTORY INCREASE							
NET CASH FLOW		-715.7	-327.9	-374.4	-534.5	-453.9	-352.6
NEW SHORT TERM DEBT							
NEW LONG TERM DEBT							
NEW LONG TERM DEBT WITH SINKING FUND							
IRON PURCHASE BOND RETIREMENT							
SHORT-TERM DEBT RETIREMENT							
LONG-TERM DEBT RETIREMENT							
LIQUIDATION OF RESERVE							
SHORT-TERM DEBT INTEREST							
IRON PURCHASE BOND INTEREST							
SINKING FUND PAYMENT							
DEBT SERVICE TRANSFERRED							
INCOME FROM SINKING FUND (REINVESTED)							
NET CASH AFTER DEBT TRANSACTIONS							
NEW GRANTS							
LIQUIDATION OF INVESTMENTS							
INCOME FROM INVESTMENTS							
INVESTMENT OF SURPLUS							
TOTAL SOURCES OF CASH		715.7	327.9	374.4	534.5	453.9	352.6
TOTAL USES OF CASH		715.7	327.9	374.4	534.5	453.9	352.6

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

MFC PRO FORMAS		MFC IMPROVEMENT PROGRAM FOR THE		OWNER ENTITY		FINANCIAL PROJECTIONS		PAGE	
11/25/75						09104123			
OPERATING AND INVESTMENT STATISTICS		YEAR 1982	YEAR 1983	YEAR 1984	YEAR 1985	YEAR 1986	YEAR 1987		
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES		
PASSENGER TRIPS		17.0	20.1	22.2	24.2	26.1	27.4		
PASSENGER MILES		2,261.0	2,673.9	2,952.6	3,210.6	3,471.3	3,644.2		
TRAIN MILES		12.3	12.3	12.3	12.3	12.3	12.3		
FACILITIES INVESTMENT									
SERVICE FACILITIES									
TRACK UPGRADING & STRUCTURAL DEV'T		6.0							
LONG LEAD MATERIALS									
FENCING									
LAND ACQUISITION FOR TRACK REALIGNMENT									
SYSTEM TEST									
BRIDGE AND TUNNEL UPGRADING									
ELECTRIFICATION									
SIGNALING CONTROL									
STATIONS		56.5							
FREIGHT FACILITIES		7.5							
TOTAL FACILITIES INVESTMENT		72.1							

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

APPENDIX C. 10

NEC PRO FORMAS		11/25/75		NEC IMPROVEMENT PROGRAM FOR THE OWNER		FINANCIAL PROJECTIONS		09:04:23		PAGE	
OPERATING INCOME ACCOUNTS		YEAR 1982	YEAR 1983	YEAR 1984	YEAR 1985	YEAR 1986	YEAR 1987				
PRIMARY REVENUE		47.8	47.8	47.8	47.8	47.8	47.8				
TOTAL REVENUE		47.8	47.8	47.8	47.8	47.8	47.8				
EXPENSES											
DISPATCHING		2.0	2.0	2.0	2.0	2.0	2.0				
TRANSPORTATION DEPARTMENT OVERHEAD		0.1	0.1	0.1	0.1	0.1	0.1				
MAINTENANCE OF WAY AND STRUCTURES		21.6	21.6	21.6	21.6	21.6	21.6				
MAINTENANCE OF CATENARY		7.3	7.3	7.3	7.3	7.3	7.3				
MAINTENANCE OF COMMUNICATION AND SIGNALS		5.6	5.6	5.6	5.6	5.6	5.6				
MAINTENANCE OF STATIONS, SHOPS, & YARDS		4.2	4.2	4.2	4.2	4.2	4.2				
M. OF W. DEPARTMENT SUPERVISION		3.3	3.3	3.3	3.3	3.3	3.3				
GENERAL OVERHEAD		3.7	3.7	3.7	3.7	3.7	3.7				
TOTAL OPERATING EXPENSES		47.8	47.8	47.8	47.8	47.8	47.8				

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

NEC PRO FORMAS	11/25/79	NEC IMPROVEMENT PROGRAM FOR THE	ONFR	ENTITY	09104123	PAGE
SOURCES AND USES OF CASH	YEAR 1982	YEAR 1983	YEAR 1984	YEAR 1985	YEAR 1986	YEAR 1987
TOTAL REVENUE	47.0	47.0	47.0	47.0	47.0	47.0
TOTAL OPERATING EXPENSES	47.0	47.0	47.0	47.0	47.0	47.0
OPERATING INCOME						
OTHER SOURCES AND USES OF CASH						
TOTAL FACILITIES INVESTMENT	72.1					
REAL ASSET ACQUISITION	92.5					
CASH NEED INCREASE	1.4					
INVENTORY INCREASE	4.2					
NET CASH FLOW	-130.3					
NEW SHORT TERM DEBT		0.7	9.4	0.1		
NEW LONG TERM DEBT	72.1					
NEW LONG TERM DEBT WITH SINKING FUND	52.5					
FROM PURCHASE BOND RETIREMENT					8.6	1.6
SHORT-TERM DEBT RETIREMENT						13.4
LONG-TERM DEBT RETIREMENT						
LIQUIDATION OF RESERVE						
SHORT-TERM DEBT INTEREST		0.1	3.7	0.7	0.7	0.1
FROM PURCHASE BOND INTEREST		56.2	56.2	56.2	56.2	56.2
SINKING FUND PAYMENT		35.6	35.6	35.6	35.6	35.6
DEBT SERVICE TRANSFERRED		35.6	35.6	35.6	35.6	35.6
INCOME FROM SINKING FUND (REINVESTED)		2.5	5.2	8.0	11.1	14.3
NET CASH AFTER DEBT TRANSACTIONS	-5.6	-55.5	-47.5	-56.9	-65.5	-71.3
NEW GRANTS						
LIQUIDATION OF INVESTMENTS	22.2	37.8	47.5	56.9	65.5	71.3
INCOME FROM INVESTMENTS		16.5				
INVESTMENT OF SURPLUS		1.2				
TOTAL SOURCES OF CASH	14.5					
TOTAL USES OF CASH	146.8	94.3	97.7	100.5	112.2	121.2

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NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE		FINANCIAL PROJECTIONS		PAGE	
11/25/75		OWNER ENTITY		09/04/23			
		YEAR 1982	YEAR 1983	YEAR 1984	YEAR 1985	YEAR 1986	YEAR 1987
INCOME ACCOUNT							
OPERATING INCOME							
INCOME FROM INVESTMENTS			1.2				
INCOME FROM SINKING FUND (REINVESTED)			2.5				
INTEREST EXPENSE			-52.6	5.2	8.0	11.1	14.3
NET INCOME				-51.8	-43.9	-43.9	-42.0
GENERAL BALANCE SHEETS							
ASSETS							
CASH		1.4	1.4	1.4	1.4	1.4	1.4
MATERIAL AND SUPPLIES		4.2	4.2	4.2	4.2	4.2	4.2
INVESTMENTS		16.5					
SINKING FUND RESERVE			38.1	78.9	122.5	169.1	219.1
IMPROVEMENTS		2,080.8	2,080.8	2,080.8	2,080.8	2,080.8	2,080.8
REAL ASSETS		802.9	802.9	802.9	802.9	802.9	802.9
TOTAL ASSETS		2,905.9	2,927.4	2,968.2	3,011.8	3,058.5	3,108.4
LIABILITIES							
SHORT TERM DEBT			0.7	10.1	10.2	1.6	
LONG TERM DEBT		2,080.8	2,080.8	2,080.8	2,080.8	2,080.8	2,067.4
BOND PURCHASE BOND		802.9	802.9	802.9	802.9	802.9	802.9
EQUITY ACCOUNTS							
TOTAL GRANTS		22.2	95.4	178.7	271.2	372.3	479.2
RETAINED EARNINGS			-52.6	-104.4	-153.3	-199.1	-241.1
TOTAL LIABILITIES		2,905.9	2,927.4	2,968.2	3,011.8	3,058.5	3,108.4
WORKING CAPITAL		22.2	4.9	-4.5	-4.6	4.1	9.6

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NEC PRC FORMAS		NEC IMPROVEMENT PROGRAM FOR THE		FINANCIAL PROJECTIONS		PAGE	
11/25/75		OWNER		ENTITY		00104123	
OPERATING AND INVESTMENT STATISTICS		YEAR 1988	YEAR 1989	YEAR 1990	YEAR 1991	YEAR 1992	YEAR 1993
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
PASSENGER TRIPS		28.4	29.2	30.0	30.9	31.8	32.8
PASSENGER MILES		3,777.2	3,883.4	3,990.0	4,109.7	4,229.4	4,362.4
TRAIN MILES		12.3	12.3	12.3	12.4	12.6	12.8
FACILITIES INVESTMENT							
SERVICE FACILITIES							
TRACK UPGRADING & STRUCTURAL DEV'T							
LONG LEAD MATERIALS							
FENCING							
LAND ACQUISITION FOR TRACK REALIGNMENT							
SYSTEM TEST							
BRIDGE AND TUNNEL UPGRADING							
ELECTRIFICATION							
SIGNALING CONTROL							
STATIONS							
FREIGHT FACILITIES							
TOTAL FACILITIES INVESTMENT							

APPENDIX G - 14

NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE		OWNER ENTITLY		FINANCIAL PROJECTIONS		PAGE 10	
11/25/75		YEAR 1988		YEAR 1989		YEAR 1990		YEAR 1991	
		SOURCES USES		SOURCES USES		SOURCES USES		SOURCES USES	
OPERATING INCOME ACCOUNTS									
PRIMARY REVENUE		47.8		47.8		47.8		47.8	
TOTAL REVENUE		47.8		47.8		47.8		47.8	
EXPENSES									
DISPATCHING		2.0		2.0		2.0		2.0	
TRANSPORTATION DEPARTMENT OVERHEAD		0.1		0.1		0.1		0.1	
MAINTENANCE OF WAY AND STRUCTURES		21.4		21.4		21.4		21.4	
MAINTENANCE OF CATENARY		7.3		7.3		7.3		7.3	
MAINTENANCE OF COMMUNICATION AND SIGNALS		5.6		5.6		5.6		5.6	
MAINTENANCE OF STATIONS, SHOPS, & YARDS		4.2		4.2		4.2		4.2	
W. OF W. DEPARTMENT SUPERVISION		3.3		3.3		3.3		3.3	
GENERAL OVERHEAD		3.7		3.7		3.7		3.7	
TOTAL OPERATING EXPENSES		47.8		47.8		47.8		47.8	

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MEC PRC FORMAS	MEC IMPROVEMENT PROGRAM FOR THE		FINANCIAL PROJECTIONS						PAGE 11
	11/25/75	OWNER ENTITY	YEAR 1988 SOURCES USES	YEAR 1989 SOURCES USES	YEAR 1990 SOURCES USES	YEAR 1991 SOURCES USES	YEAR 1992 SOURCES USES	YEAR 1993 SOURCES USES	
SOURCES AND USES OF CASH									
TOTAL REVENUE	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	
TOTAL OPERATING EXPENSES	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	
OPERATING INCOME									
OTHER SOURCES AND USES OF CASH									
TOTAL FACILITIES INVESTMENT									
NET ASSET ACQUISITION									
CASH NEED INCREASE									
INVENTORY INCREASE									
NET CASH FLOW									
NEW SHORT TERM DEBT									
NEW LONG TERM DEBT									
NEW LONG TERM DEBT WITH SINKING FUND									
BOND PURCHASE BOND RETIREMENT									
SHORT-TERM DEBT RETIREMENT									
LONG-TERM DEBT RETIREMENT									
LIQUIDATION OF RESERVE									
SHORT-TERM DEBT INTEREST									
BOND PURCHASE BOND INTEREST									
SINKING FUND PAYMENT									
DEBT SERVICE TRANSFERRED									
INCOME FROM SINKING FUND (REINVESTED)									
NET CASH AFTER DEBT TRANSACTIONS									
NEW GRANTS									
LIQUIDATION OF INVESTMENTS									
INCOME FROM INVESTMENTS									
INVESTMENT OF SURPLUS									
TOTAL SOURCES OF CASH									
TOTAL USES OF CASH									

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NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM		FINANCIAL PROJECTIONS		PAGE 12	
11/25/75		FOR THE		OWNER ENTITY		09/04/73	
		YEAR 1988	YEAR 1989	YEAR 1990	YEAR 1991	YEAR 1992	YEAR 1993
INCOME ACCOUNT							
OPERATING INCOME							
INCOME FROM INVESTMENTS							
INCOME FROM SINKING FUND (REINVESTED)		17.0	21.4	25.4	29.9	34.4	39.3
INTEREST EXPENSE		56.2	56.2	56.2	56.2	56.2	56.2
NET INCOME		-38.4	-34.4	-30.4	-26.3	-21.8	-16.9
GENERAL BALANCE SHEETS							
ASSETS							
CASH		1.4	1.4	1.4	1.4	1.4	1.4
MATERIAL AND SUPPLIES		4.2	4.2	4.2	4.2	4.2	4.2
INVESTMENTS							
SINKING FUND RESERVE		272.5	328.7	390.9	454.3	526.4	601.3
IMPROVEMENTS		2,080.8	2,080.8	2,080.8	2,080.8	2,080.8	2,080.8
REAL ASSETS		802.9	802.9	802.9	802.9	802.9	802.9
TOTAL ASSETS		3,161.8	3,219.0	3,280.2	3,345.6	3,415.7	3,490.6
LIABILITIES							
SHORT TERM DEBT							
LONG TERM DEBT		2,048.0	2,024.4	1,997.3	1,965.0	1,927.9	1,885.3
BOND PURCHASE BOND		802.9	802.9	802.9	802.9	802.9	802.9
EQUITY ACCOUNTS							
TOTAL GRANTS		590.4	705.6	824.8	948.9	1,077.7	1,211.9
RETAINED EARNINGS		-279.5	-314.1	-346.7	-371.1	-392.8	-409.7
TOTAL LIABILITIES		3,161.8	3,219.0	3,280.2	3,345.6	3,415.7	3,490.6
BORROWING CAPITAL		5.6	5.6	5.6	5.6	5.6	5.6

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NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE		FINANCIAL PROJECTIONS		09:04:23		PAGE 13	
11/25/75		OWNER		ENTITY					
OPERATING AND INVESTMENT STATISTICS		YEAR 1994	YEAR 1995	YEAR 1996	YEAR 1997	YEAR 1998	YEAR 1999		
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES		
PASSENGER TRIPS		33.0	34.0	35.0	36.9	38.0	39.1		
PASSENGER MILES		4,405.4	4,628.4	4,761.4	4,901.7	5,034.0	5,200.3		
TRAIN MILES		12.9	13.1	13.3	13.4	13.6	13.8		
FACILITIES INVESTMENT									
SERVICE FACILITIES									
TRACK UPGRADING & STRUCTURAL DEV'T									
LONG LEAD MATERIALS									
FENCING									
LAND ACQUISITION FOR TRACK REALIGNMENT									
SYSTEM TEST									
BRIDGE AND TUNNEL UPGRADING									
ELECTRIFICATION									
SIGNALING CONTROL									
STATIONS									
FREIGHT FACILITIES									
TOTAL FACILITIES INVESTMENT									

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

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NEC PRO FORMAS		11/25/75		NEC IMPROVEMENT PROGRAM - - - FINANCIAL PROJECTIONS		09:104123		PAGE 14	
		FOR THE		OWNER		ENTITY			
		YEAR 1994		YEAR 1995		YEAR 1996		YEAR 1997	
		SOURCES USES		SOURCES USES		SOURCES USES		SOURCES USES	
OPERATING INCOME ACCOUNTS									
PRIMARY REVENUE		47.8		47.8		47.8		47.8	
TOTAL REVENUE		47.8		47.8		47.8		47.8	
EXPENSES									
DISPATCHING		2.0		2.0		2.0		2.0	
TRANSPORTATION DEPARTMENT OVERHEAD		0.1		0.1		0.1		0.1	
MAINTENANCE OF WAY AND STRUCTURES		21.6		21.6		21.6		21.6	
MAINTENANCE OF CATENARY		7.3		7.3		7.3		7.3	
MAINTENANCE OF COMMUNICATION AND SIGNALS		5.6		5.6		5.6		5.6	
MAINTENANCE OF STATIONS, SHOPS, & YARDS		4.2		4.2		4.2		4.2	
IN. OF W. DEPARTMENT SUPERVISION		3.3		3.3		3.3		3.3	
GENERAL OVERHEAD		3.7		3.7		3.7		3.7	
TOTAL OPERATING EXPENSES		47.8		47.8		47.8		47.8	

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FEA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

MEC PRO FORMAS	MEC IMPROVEMENT PROGRAM FOR THE	OWNER ENTITY	FINANCIAL PROJECTIONS					PAGE 15
11/25/75	YEAR 1994	YEAR 1995	YEAR 1996	YEAR 1997	YEAR 1998	YEAR 1999		
SOURCES AND USES OF CASH	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES		
TOTAL REVENUE	47.8	47.8	47.8	47.8	47.8	47.8		
TOTAL OPERATING EXPENSES	47.8	47.8	47.8	47.8	47.8	47.8		
OPERATING INCOME								
OTHER SOURCES AND USES OF CASH								
TOTAL FACILITIES INVESTMENT								
REAL ASSET ACQUISITION								
CASH NEED INCREASE								
INVENTORY INCREASE								
NET CASH FLOW								
NEW SHORT TERM DEBT								
NEW LONG TERM DEBT								
NEW LONG TERM DEBT WITH SINKING FUND								
NEW PURCHASE BOND RETIREMENT								
SHORT-TERM DEBT RETIREMENT								
LONG-TERM DEBT RETIREMENT								
LIQUIDATION OF RESERVE								
SHORT-TERM DEBT INTEREST								
NEW PURCHASE BOND INTEREST								
SINKING FUND PAYMENT								
DEBT SERVICE TRANSPERRED								
INCOME FROM SINKING FUND (REINVESTED)								
NET CASH AFTER DEBT TRANSACTIONS								
NEW GRANTS								
LIQUIDATION OF INVESTMENTS								
INCOME FROM INVESTMENTS								
INVESTMENT OF SURPLUS								
TOTAL SOURCES OF CASH								
TOTAL USES OF CASH								

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FEA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE		OWNER ENTITY		FINANCIAL PROJECTIONS		PAGE 16	
11/25/75		YEAR 1975		YEAR 1976		YEAR 1977		YEAR 1978	
YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977		YEAR 1978	
INCOME ACCOUNT		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
OPERATING INCOME		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
INCOME FROM INVESTMENTS		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
INCOME FROM SINKING FUND (REINVESTED)		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
INTEREST EXPENSE		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
NET INCOME		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
GENERAL BALANCE SHEETS		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
ASSETS		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
CASH		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
MATERIAL AND SUPPLIES		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
INVESTMENTS		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
SINKING FUND RESERVE		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
IMPROVEMENTS		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
REAL ASSETS		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
TOTAL ASSETS		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
LIABILITIES		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
SHORT TERM DEBT		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
LONG TERM DEBT		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
BOND PURCHASE BOND		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
EQUITY ACCOUNTS		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
TOTAL GRANTS		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
RETAINED EARNINGS		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
TOTAL LIABILITIES		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	
WORKING CAPITAL		YEAR 1974		YEAR 1975		YEAR 1976		YEAR 1977	

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

NEC PRO FORMAS		11/25/75		NEC IMPROVEMENT PROGRAM - - - FINANCIAL PROJECTIONS		09/04/23		PAGE 17	
		FOR THE		OWNER		ENTITY			
OPERATING AND INVESTMENT STATISTICS		YEAR 2000	YEAR 2001	YEAR 2002	YEAR 2003	YEAR 2004	YEAR 2005		
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES		
PASSENGER TRIPS		40.3	41.3	42.7	44.0	45.3	46.7		
PASSENGER MILES		5,359.9	5,510.5	5,679.1	5,852.0	6,024.9	6,211.1		
TRAIN MILES		13.9	14.1	14.3	14.4	14.6	14.8		
FACILITIES INVESTMENT									
SERVICE FACILITIES									
TRACK UPGRADING & STRUCTURAL DEV'T									
LONG LEAD MATERIALS									
FENCING									
LAND ACQUISITION FOR TRACK REALIGNMENT									
SYSTEM TEST									
BRIDGE AND TUNNEL UPGRADING									
ELECTRIFICATION									
SIGNALING CONTROL									
STATIONS									
FREIGHT FACILITIES									
TOTAL FACILITIES INVESTMENT									

APPENDIX G . 22

[illegible]

APPENDIX C . 23

REC PRO FORMAS		11/29/75		NEC IMPROVEMENT PROGRAM - - FINANCIAL PROJECTIONS FOR THE OWNER ENTITY						PAGE 16
SOURCES AND USES OF CASH		YEAR 2000 SOURCES USES	YEAR 2001 SOURCES USES	YEAR 2002 SOURCES USES	YEAR 2003 SOURCES USES	YEAR 2004 SOURCES USES	YEAR 2005 SOURCES USES			
TOTAL REVENUE		47.8	47.8	47.8	47.8	47.8	47.8			
TOTAL OPERATING EXPENSES		47.8	47.8	47.8	47.8	47.8	47.8			
OPERATING INCOME										
OTHER SOURCES AND USES OF CASH										
TOTAL FACILITIES INVESTMENT										
REAL ASSET ACQUISITION										
CASH NEED INCREASE										
INVENTORY INCREASE										
NET CASH FLOW		150.0	159.0	168.4	178.6	189.2	200.6			
NEW SHORT TERM DEBT										
NEW LONG TERM DEBT										
NEW LONG TERM DEBT WITH SINKING FUND										
BOND PURCHASE BOND RETIREMENT										
SHORT-TERM DEBT RETIREMENT										
LONG-TERM DEBT RETIREMENT										
LIQUIDATION OF RESERVE										
SHORT-TERM DEBT INTEREST										
BOND PURCHASE BOND INTEREST										
SINKING FUND PAYMENT										
DEBT SERVICE TRANSFERRED										
INCOME FROM SINKING FUND (RE-INVESTED)										
NET CASH AFTER DEBT TRANSACTIONS		-150.0	-159.0	-168.4	-178.6	-189.2	-200.6			
NEW GRANTS		150.0	159.0	168.4	178.6	189.2	200.6			
LIQUIDATION OF INVESTMENTS										
INCOME FROM INVESTMENTS										
INVESTMENT OF SURPLUS										
TOTAL SOURCES OF CASH		150.0	159.0	168.4	178.6	189.2	200.6			
TOTAL USES OF CASH		150.0	159.0	168.4	178.6	189.2	200.6			

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NEC PRO FORMAS		11/25/75	NEC IMPROVEMENT PROGRAM FOR THE OWNER ENTITY		FINANCIAL PROJECTIONS		09104123	PAGE 20	
			YEAR 2000	YEAR 2001	YEAR 2002	YEAR 2003	YEAR 2004	YEAR 2005	
INCOME ACCOUNT									
OPERATING INCOME									
INCOME FROM INVESTMENTS									
INCOME FROM SINKING FUND (REINVESTED)									
INTEREST EXPENSE									
NET INCOME									
GENERAL BALANCE SHEETS									
ASSETS									
CASH			1.4	1.4	1.4	1.4	1.4	1.4	
MATERIAL AND SUPPLIES			6.2	6.2	6.2	6.2	6.2	6.2	
INVESTMENTS									
SINKING FUND RESERVE									
IMPROVEMENTS			2,080.8	2,080.8	2,080.8	2,080.8	2,080.8	2,080.8	
REAL ASSETS			802.9	802.9	802.9	802.9	802.9	802.9	
TOTAL ASSETS			2,889.3	2,889.3	2,889.3	2,889.3	2,889.3	2,889.3	
LIABILITIES									
SHORT TERM DEBT									
LONG TERM DEBT			1,106.4	947.4	779.0	600.4	411.2	210.4	
BOND PURCHASE BOND									
EQUITY ACCOUNTS									
TOTAL GRANTS			2,210.3	2,365.3	2,537.7	2,716.3	2,905.5	3,104.0	
RETAINED EARNINGS			-427.3	-427.3	-427.3	-427.3	-427.3	-427.3	
TOTAL LIABILITIES			2,889.3	2,889.3	2,889.3	2,889.3	2,889.3	2,889.3	
WORKING CAPITAL			5.6	5.6	5.6	5.6	5.6	5.6	

NEC PRO FORMAS	11/25/75	NEC IMPROVEMENT PROGRAM FOR THE	OWNER	FINANCIAL PROJECTIONS					PAGE 21
		YEAR 2006 SOURCES USES	YEAR 2007 SOURCES USES	YEAR 2008 SOURCES USES	YEAR 2009 SOURCES USES	YEAR 2010 SOURCES USES	YEAR 2011 SOURCES USES		
OPERATING AND INVESTMENT STATISTICS									
PASSENGER TRIPS		48.1	45.3	51.0	52.5	54.1	55.7		
PASSENGER MILES		6,397.3	6,583.5	6,783.0	6,982.5	7,185.3	7,408.1		
TRAIN MILES		14.9	15.1	15.3	15.4	15.6	15.8		
FACILITIES INVESTMENT									
SERVICE FACILITIES									
TRACK UPGRADING & STRUCTURAL DEVT									
LONG LEAD MATERIALS									
FENCING									
LAND ACQUISITION FOR TRACK REALIGNMENT									
SYSTEM TEST									
BRIDGE AND TUNNEL UPGRADING									
ELECTRIFICATION									
SIGNALING CONTROL									
STATIONS									
FREIGHT FACILITIES									
TOTAL FACILITIES INVESTMENT									

APPENDIX G - 26

[illegible]

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE		FINANCIAL PROJECTIONS		PAGE 23	
11/25/79		OWNER		ENTITY			
		YEAR 2006	YEAR 2007	YEAR 2008	YEAR 2009	YEAR 2010	YEAR 2011
SOURCES AND USES OF CASH		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
TOTAL REVENUE		47.8	47.8	47.8	47.8	47.8	47.8
TOTAL OPERATING EXPENSES		47.8	47.8	47.8	47.8	47.8	47.8
OPERATING INCCME							
OTHER SOURCES AND USES OF CASH							
TOTAL FACILITIES INVESTMENT							
REAL ASSET ACQUISITION							
CASH NEED INCREASE							
INVENTORY INCREASE							
NET CASH FLOW							2,000.3
NEW SHORT TERM DEBT							
NEW LONG TERM DEBT							
NEW LONG TERM DEBT WITH SINKING FUND							
IRON PURCHASE BOND RETIREMENT							
SHORT-TERM DEBT RETIREMENT							
LONG-TERM DEBT RETIREMENT							
LIQUIDATION OF RESERVE							
SHORT-TERM DEBT INTEREST							
IRON PURCHASE BOND INTEREST							
ISSUING FUND PAYMENT							
DEBT SERVICE TRANSPERRED							
INCOME FROM SINKING FUND (REINVESTED)							
NET CASH AFTER DEBT TRANSACTIONS		-210.6	223.9	230.4	249.2	277.0	279.5
NEW GRANTS		212.1					
LIQUIDATION OF INVESTMENTS							
INCCME FROM INVESTMENTS							
INVESTMENT OF SURPLUS							
TOTAL SOURCES OF CASH		212.1	224.0	252.2	282.1	330.2	359.0
TOTAL USES OF CASH		212.1	224.0	252.2	282.1	330.2	359.0

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

NEC PBC FORMAS		11/25/75		NEC IMPROVEMENT PROGRAM FOR THE OWNER ENTITY		FINANCIAL PROJECTIONS 09/04/23		PAGE 24	
INCOME ACCOUNT		YEAR 2006	YEAR 2007	YEAR 2008	YEAR 2009	YEAR 2010	YEAR 2011		
OPERATING INCOME									
INCOME FROM INVESTMENTS			0.1	15.8	33.4	53.2	76.3		
INCOME FROM SINKING FUND (REINVESTED)									
INTEREST EXPENSE			0.1	15.8	33.4	53.2	76.3		
NET INCOME									
GENERAL BALANCE SHEETS									
ASSETS									
CASH		1.4	1.4	1.4	1.4	1.4	1.4		
MATERIAL AND SUPPLIES		4.2	4.2	4.2	4.2	4.2	4.2		
INVESTMENTS		1.5	225.5	472.7	760.3	1,090.5	1,446.4		
SINKING FUND RESERVE									
IMPROVEMENTS		2,080.6	2,080.8	2,080.8	2,080.8	2,080.8	2,080.8		
REAL ASSETS		802.9	802.9	802.9	802.9	802.9	802.9		
TOTAL ASSETS		2,890.6	3,114.9	3,367.0	3,649.7	3,979.9	4,335.7		
LIABILITIES									
SHORT TERM DEBT									
LONG TERM DEBT									
BOND PURCHASE BOND									
EQUITY ACCOUNTS		3,318.1	3,542.1	3,778.5	4,027.7	4,304.0	4,584.1		
TOTAL GRANTS		-427.3	-427.2	-411.4	-378.0	-324.8	-248.4		
RETAINED EARNINGS									
TOTAL LIABILITIES		2,890.6	3,114.8	3,367.0	3,649.7	3,979.9	4,335.7		
WORKING CAPITAL		7.1	231.2	483.3	766.0	1,096.2	1,432.0		

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE OPERATOR ENTITY		FINANCIAL PROJECTIONS		09-10-123		PAGE	
11/25/75									
OPERATING AND INVESTMENT STATISTICS		YEAR 1976	YEAR 1977	YEAR 1978	YEAR 1979	YEAR 1980	YEAR 1981		
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES		
PASSENGER TRIPS									
PASSENGER MILES									
CAR MILES									
TRAIN MILES									
NUMBER OF CARS IN FLEET									
NUMBER OF CARS DELIVERED									

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NEC FBO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE		FINANCIAL PROJECTIONS		PAGE	
11/25/75		FOR THE		OPERATOR ENTITY		2	
		YEAR 1974	YEAR 1977	YEAR 1979	YEAR 1980	YEAR 1981	
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	
OPERATING INCOME ACCOUNTS							
COMPUTER & LOCAL FREIGHT CONTRIBUTION							
INTER-CORRIDOR ANTRAX CONTRIBUTION							
PROPERTY REVENUE							
TOTAL REVENUE							
EXPENSES							
STATION PERSONNEL							
STATION CLEANING AND UTILITIES							
BAGGAGE CARTS							
TRAIN SUPPLIES AND EXPENSES							
SNACK BAR ATTENDANTS							
TICKET AGENCY COMMISSIONS							
RESERVATIONS							
INFORMATION							
PASSENGER SERVICE DEPARTMENT OVERHEAD							
CAR MAINTENANCE							
IN. OF E. DEPARTMENT OVERHEAD							
ENERGY							
CREW							
SWITCHING							
STATION MASTERS							
TRANSPORTATION DEPARTMENT OVERHEAD							
TRANSPORTATION DEPT INSURANCE							
OPERATING EXPENSE TRANSFER							
GENERAL OVERHEAD							
TOTAL OPERATING EXPENSES							

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NEC IMPROVEMENT PROGRAM FOR THE OPERATOR ENTITY		FINANCIAL PROJECTIONS					PAGE
11/25/75	YEAR 1975	YEAR 1976	YEAR 1977	YEAR 1978	YEAR 1979	YEAR 1980	YEAR 1981
INCOME ACCOUNT							
OPERATING INCOME							
SALE OF ROLLING STOCK							
INCOME FROM INVESTMENTS							
INTEREST EXPENSE							
ROLLING STOCK DEPRECIATION							
NET INCOME							
GENERAL BALANCE SHEETS							
ASSETS							
CASH							
OTHER RECEIVABLES							
PREPAYMENTS							
MATERIAL AND SUPPLIES							
INVESTMENTS							
ROLLING STOCK AT COST							
LESS ACCUMULATED DEPRECIATION							
ROLLING STOCK BOOK VALUE							
TOTAL ASSETS							
LIABILITIES							
SHORT TERM DEBT							
LONG TERM DEBT							
EQUITY ACCOUNTS							
TOTAL GRANTS							
RETAINED EARNINGS							
TOTAL LIABILITIES							
WORKING CAPITAL							
TRANSFERS							
OPERATING EXPENSE TRANSFER							
JOIST SERVICE TRANSFER							
INCOME TRANSFER							
TOTAL TRANSFER PAYMENTS							

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NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE OPERATOR ENTITY		FINANCIAL PROJECTIONS		PAGE	
11/25/75				09104123			
OPERATING AND INVESTMENT STATISTICS		YEAR 1982	YEAR 1983	YEAR 1984	YEAR 1985	YEAR 1986	YEAR 1987
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
PASSENGER TRIPS		17.0	20.1	22.2	24.2	26.1	27.6
PASSENGER MILES		2,261.0	2,673.3	2,932.6	3,218.6	3,471.3	3,646.2
CAR MILES		47.8	56.3	62.4	68.0	73.4	77.8
TRAIN MILES		12.3	12.3	12.3	12.3	12.3	12.3
NUMBER OF CARS IN FLEET		236.0	279.0	308.0	336.0	362.0	380.0
NUMBER OF CARS DELIVERED		236.0	43.0	29.0	28.0	26.0	18.0

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NEC PRC FORMAS		NEC IMPROVEMENT PROGRAM FOR THE OPERATOR ENTITY		FINANCIAL PROJECTIONS		PAGE	
11/25/75				09104123		8	
		YEAR 1982	YEAR 1983	YEAR 1984	YEAR 1985	YEAR 1986	YEAR 1987
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
OPERATING INCOME ACCOUNTS							
COMPUTER & LOCAL FREIGHT CONTRIBUTION		9.3	9.2	9.3	9.3	9.3	9.3
INTER-CORRIDOR AIRTRAC CONTRIBUTION		1.9	1.9	1.9	1.9	1.9	1.9
PRIMARY REVENUE		194.9	230.4	256.7	277.7	299.5	314.4
TOTAL REVENUE		256.1	241.6	265.9	288.9	310.7	329.6
EXPENSES							
STATION PERSONNEL		6.7	6.0	6.0	6.6	10.4	10.9
STATION CLEANING AND UTILITIES		1.9	1.9	1.9	1.9	1.9	1.9
TRAGGAGE CARTS		0.3	0.4	0.4	0.5	0.5	0.5
TRAIN SUPPLIES AND EXPENSES		0.5	7.7	8.5	9.2	10.0	10.5
SNACK BAR ATTENDANTS		2.8	3.3	3.6	3.9	4.2	4.4
TICKET AGENCY COMMISSIONS		3.9	4.6	5.1	5.6	6.0	6.3
RESERVATIONS		15.3	16.1	20.0	21.8	23.5	24.7
PROMOTION		9.7	10.1	10.7	11.5	12.6	13.9
PASSENGER SERVICE DEPARTMENT OVERHEAD		0.3	0.3	0.3	0.3	0.4	0.4
ICAR MAINTENANCE		19.1	22.6	25.0	27.2	29.3	30.8
IN. OF E. DEPARTMENT OVERHEAD		1.9	2.0	2.1	2.3	2.5	2.7
ENERGY		6.6	7.8	8.4	9.4	10.1	10.6
CREW		19.0	19.0	19.0	19.0	19.0	19.0
SWITCHING		1.0	1.0	1.0	1.0	1.0	1.0
STATION MASTERS		6.7	4.7	4.7	4.7	4.7	4.7
TRANSPORTATION DEPARTMENT OVERHEAD		0.7	0.7	0.7	0.7	0.7	0.7
TRANSPORTATION DEPT INSURANCE		1.9	1.9	1.9	1.9	1.9	1.9
OPERATING EXPENSE TRANSFER		47.8	47.8	47.8	47.8	47.8	47.8
GENERAL OVERHEAD		12.8	13.8	14.5	15.2	15.9	16.4
TOTAL OPERATING EXPENSES		163.0	175.6	184.6	193.6	202.4	209.0

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MEC FORMAS		11/25/75		MEC IMPROVEMENT PROGRAM - FINANCIAL PROJECTIONS					PAGE
				FOR THE OPERATOR ENTITY					09104123
		YEAR 1982	YEAR 1983	YEAR 1984	YEAR 1985	YEAR 1986	YEAR 1987		
SOURCES AND USES OF CASH		SOURCES	USES	SOURCES	USES	SOURCES	USES	SOURCES	USES
TOTAL REVENUE		206.1	243.6	243.9	288.9	310.7	325.6		
TOTAL OPERATING EXPENSES		183.0	175.6	184.6	193.6	202.4	209.0		
OPERATING INCOME		43.0	68.0	61.3	95.3	108.3	116.5		
OTHER SOURCES AND USES OF CASH									
SALE OF ROLLING STOCK			18.3	17.4	14.7	10.6	9.2		
PREPAYMENTS ON ROLLING STOCK		24.2	6.9	4.6	6.9	6.2	2.9		
FINAL PAYMENTS ON ROLLING STOCK		37.8	0.6	0.3	0.3	0.3	0.2		
CASH NEED INCREASE		4.9	1.1	0.7	0.7	0.7	0.4		
RECEIVABLES INCREASE		5.0	0.4	0.2	0.2	0.2	0.2		
INVENTORY INCREASE		2.6							
NET CASH FLOW		-32.2	39.0	57.9	74.9	92.6	104.6		
NEW SHORT TERM DEBT									
SHORT-TERM DEBT RETIREMENT			1.1	3.4	1.2	3.4	35.6		
DEBT SERVICE TRANSFER			35.6	35.6	35.6	35.6	35.6		
SHORT-TERM DEBT INTEREST			0.1	0.3	0.3	0.2			
NET CASH AFTER DEBT TRANSACTIONS		-32.2	4.5	25.4	37.7	53.3	49.0		
NEW GRANTS									
LIQUIDATION OF INVESTMENTS			25.2	22.1	19.2	14.7	11.1		
INCOME FROM INVESTMENTS			7.8						
INCOME TRANSFER			0.5	47.5	56.9	45.5	0.2		
INVESTMENT OF SURPLUS			37.0			2.4	71.3		
TOTAL SOURCES OF CASH		105.0	100.5	106.8	114.5	123.0	127.8		
TOTAL USES OF CASH		109.0	100.5	104.0	114.5	123.0	127.8		

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NEC PRO FORMAS		11/25/75		NEC IMPROVEMENT PROGRAM FOR THE OPERATOR ENTITY		FINANCIAL PROJECTIONS 09104123		PAGE	
		YEAR 1982	YEAR 1983	YEAR 1984	YEAR 1985	YEAR 1986	YEAR 1987		
INCOME ACCOUNT									
OPERATING INCOME									
SALE OF ROLLING STOCK		43.0	66.0	81.3	95.3	108.3	116.5		
INCOME FROM INVESTMENTS			0.3	0.3	0.3	0.2	0.2		
INTEREST EXPENSE		13.5	19.9	17.4	19.2	20.7	21.7		
ROLLING STOCK DEPRECIATION									
NET INCOME		29.6	50.5	63.3	75.8	87.4	95.0		
GENERAL BALANCE SHEETS									
ASSETS									
CASH		4.9	5.3	5.5	5.8	6.1	6.3		
OTHER RECEIVABLES		5.8	6.9	7.6	8.3	9.0	9.4		
PREPAYMENTS		34.5	25.3	24.2	21.0	14.9	11.6		
MATERIAL AND SUPPLIES		2.6	2.9	3.2	3.4	3.7	3.8		
INVESTMENTS		7.4	223.2	246.4	268.8	289.4	304.0		
ROLLING STOCK AT COST		188.6	29.4	47.0	68.2	86.9	108.6		
LESS ACCUMULATED DEPRECIATION		13.5							
ROLLING STOCK BOOK VALUE		175.3	193.8	199.4	202.6	202.7	195.4		
TOTAL ASSETS		230.7	234.2	239.9	241.1	238.7	238.0		
LIABILITIES									
SHORT TERM DEBT			1.3	6.7	3.4				
LONG TERM DEBT									
EQUITY ACCOUNTS									
TOTAL GRANTS		223.3	248.5	270.6	289.8	304.5	315.6		
RETAINED EARNINGS		7.4	-15.6	-35.4	-92.0	-83.8	-77.6		
TOTAL LIABILITIES		230.7	234.2	239.9	241.1	238.7	238.0		
WORKING CAPITAL									
TRANSFERS									
OPERATING EXPENSE TRANSFER		20.9	13.8	11.7	14.2	21.1	31.0		
DEBT SERVICE TRANSFER		47.8	47.8	47.8	47.8	47.8	47.8		
INCOME TRANSFER		22.2	37.8	47.5	56.4	65.5	71.3		
TOTAL TRANSFER PAYMENTS		70.0	121.3	130.9	140.3	149.0	154.7		

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NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM - - - FINANCIAL PROJECTIONS					PAGE
11/25/75		FOR THE OPERATOR ENTITY					
OPERATING AND INVESTMENT STATISTICS		YEAR 1988	YEAR 1989	YEAR 1990	YEAR 1991	YEAR 1992	YEAR 1993
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
PASSENGER TRIPS		28.4	25.2	30.0	30.9	31.8	32.8
PASSENGER MILES		3,777.2	3,883.6	3,950.0	4,109.7	4,229.4	4,362.4
CAR MILES		79.8	82.1	84.3	86.8	89.4	92.2
TRAIN MILES		12.3	12.3	12.3	12.4	12.4	12.8
NUMBER OF CARS IN FLEET		394.0	403.0	416.0	428.0	441.0	453.0
NUMBER OF CARS DELIVERED		14.0	11.0	11.0	12.0	13.0	14.0

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NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE OPERATOR ENTITY		FINANCIAL PROJECTIONS		09104123		PAGE 10	
11/25/75		YEAR 1989		YEAR 1990		YEAR 1991		YEAR 1992	
OPERATING INCOME ACCOUNTS		SOURCES USES		SOURCES USES		SOURCES USES		SOURCES USES	
COMPUTER & LOCAL FREIGHT CONTRIBUTION		9.3		9.3		9.3		9.3	
INTER-CORPORATE CONTRIBUTION		1.9		1.9		1.9		1.9	
PRIMARY REVENUE		325.6		343.9		354.6		364.9	
TOTAL REVENUE		334.8		355.1		363.8		376.1	
EXPENSES		346.0		353.1		363.8		376.1	
STATION PERSONNEL		11.3		11.6		12.3		12.6	
STATION CLEANING AND UTILITIES		1.9		1.9		1.9		1.9	
BAGGAGE CARTS		0.6		0.6		0.6		0.6	
TRAIN SUPPLIES AND EXPENSES		10.9		11.2		11.8		12.2	
SNACK BAR ATTENDANTS		4.4		4.7		5.0		5.2	
TICKET AGENCY COMMISSIONS		4.5		6.7		7.1		7.3	
RESERVATIONS		25.6		26.3		27.8		28.4	
PROMOTION		14.7		15.5		16.7		17.2	
PASSENGER SERVICE DEPARTMENT OVERHEAD		0.4		0.5		0.5		0.5	
CAR MAINTENANCE		31.9		32.8		34.7		35.7	
M. OF E. DEPARTMENT OVERHEAD		2.9		3.0		3.3		3.4	
EMERGENCY		11.0		11.3		12.0		12.3	
CREW		19.0		19.0		19.2		19.5	
SWITCHING		1.0		1.0		1.0		1.0	
STATION MASTERS		4.7		4.7		4.7		4.7	
TRANSPORTATION DEPARTMENT OVERHEAD		0.7		0.7		0.7		0.7	
TRANSPORTATION DEPT INSURANCE		1.9		1.9		1.9		2.0	
OPERATING EXPENSE TRANSFER		47.8		47.8		47.8		47.8	
GENERAL OVERHEAD		16.8		17.1		17.8		18.1	
TOTAL OPERATING EXPENSES		216.2		218.4		227.0		231.5	
TOTAL OPERATING EXPENSES		216.2		218.4		227.0		231.5	
TOTAL OPERATING EXPENSES		216.2		218.4		227.0		231.5	

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NEC MAC FORMAS		11/25/75		NEC IMPROVEMENT PROGRAM FOR THE OPERATOR ENTITY		09:04:23		PAGE 11	
		YEAR 1989	YEAR 1989	YEAR 1990	YEAR 1991	YEAR 1992	YEAR 1993		
SOURCES AND USES OF CASH		SOURCES	USES	SOURCES	USES	SOURCES	USES		
TOTAL REVENUE		336.6	214.2	355.1	222.4	365.8	227.0	387.6	236.6
TOTAL OPERATING EXPENSES		122.6		132.7		138.8		151.2	
OPERATING INCOME									
OTHER SOURCES AND USES OF CASH									
SALE OF ROLLING STOCK		7.0	7.3	7.9	0.8	8.7	0.8	8.7	0.8
PREPAYMENTS ON ROLLING STOCK		2.2	1.4	1.8	1.9	2.1	2.2	2.1	2.2
FINAL PAYMENTS ON ROLLING STOCK		0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CASH NEED INCREASE		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
RECEIVABLES INCREASE		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
INVENTORY INCREASE									
NET CASH FLOW		112.7	118.0	122.5	127.8	133.3	139.8		
NEW SHORT TERM DEBT									
SHORT-TERM DEBT RETIREMENT		35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
DEBT SERVICE TRANSFER									
SHORT-TERM DEBT INTEREST									
NET CASH AFTER DEBT TRANSACTIONS		77.1	82.4	86.9	92.2	97.7	104.2		
NEW GRANTS									
LIQUIDATION OF INVESTMENTS									
INCOME FROM INVESTMENTS		0.8	1.6	2.6	3.6	4.6	6.3	6.3	98.6
INCOME TRANSFER		11.5	13.5	15.5	17.6	20.1	22.7	22.7	22.7
INVESTMENT OF SURPLUS									
TOTAL SOURCES OF CASH		132.7	138.2	144.9	152.9	160.3	168.3	168.3	168.3
TOTAL USES OF CASH		132.7	138.2	144.9	152.9	160.3	168.3	168.3	168.3

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NEC PRC FORMS		NEC IMPROVEMENT PROGRAM FOR THE OPERATOR ENTITY		FINANCIAL PROJECTIONS 09/04/23		PAGE 12	
11/25/15							
		YEAR 1988	YEAR 1989	YEAR 1990	YEAR 1991	YEAR 1992	YEAR 1993
INCOME ACCOUNT							
OPERATING INCOME							
SALE OF ROLLING STOCK		122.6	127.6	132.7	138.8	144.6	151.2
INCOME FROM INVESTMENTS		0.0	1.0	2.4	3.4	4.9	6.3
INTEREST EXPENSE		22.5	23.1	23.8	24.5	25.2	26.0
ROLLING STOCK DEPRECIATION		100.9	106.1	111.9	118.0	124.3	131.5
NET INCOME							
GENERAL BALANCE SHEETS							
ASSETS							
CASH		6.4	6.6	6.7	6.8	6.9	7.1
OTHER RECEIVABLES		9.8	10.0	10.3	10.6	10.9	11.3
PREPAYMENTS		9.7	9.6	10.8	11.7	12.1	11.7
MATERIAL AND SUPPLIES		4.0	4.1	4.2	4.3	4.4	4.5
INVESTMENTS		23.0	34.5	52.1	69.8	90.0	112.6
ROLLING STOCK AT COST		319.2	324.0	332.8	342.4	352.8	364.0
LESS ACCUMULATED DEPRECIATION		131.1	194.3	178.1	202.5	227.7	253.7
ROLLING STOCK BOOK VALUE		188.1	169.7	154.7	139.9	125.1	110.3
TOTAL ASSETS		236.9	236.8	238.7	243.1	248.4	257.5
LIABILITIES							
SHORT TERM DEBT							
LONG TERM DEBT							
EQUITY ACCOUNTS		324.9	333.8	343.6	354.1	364.9	375.7
TOTAL GRANTS		-88.0	-97.1	-104.9	-111.0	-115.5	-118.2
RETAINED EARNINGS							
TOTAL LIABILITIES		236.9	236.8	238.7	243.1	248.4	257.5
WORKING CAPITAL		43.1	57.2	73.2	91.6	112.2	139.5
TRANSFERS							
OPERATING EXPENSE TRANSFER		47.8	47.8	47.8	47.8	47.8	47.8
DEBT SERVICE TRANSFER		35.6	35.6	35.6	35.6	35.6	35.6
INCOME TRANSFER		75.7	74.5	83.6	88.5	93.2	98.6
TOTAL TRANSFER PAYMENTS		159.1	163.0	167.1	172.0	176.7	182.1

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NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM - - - FINANCIAL PROJECTIONS		09104123		PAGE 13	
11/25/75		FOR THE OPERATOR ENTITY					
OPERATING AND INVESTMENT STATISTICS		YEAR 1994	YEAR 1995	YEAR 1996	YEAR 1997	YEAR 1998	YEAR 1999
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
PASSENGER TRIPS		33.8	34.8	35.8	36.9	38.0	39.1
PASSENGER MILES		6,485.4	4,628.4	4,761.4	4,907.7	5,054.0	5,200.3
CAR MILES		95.0	91.8	100.4	103.7	106.8	109.9
TRAIN MILES		12.9	13.1	13.3	13.4	13.6	13.8
NUMBER OF CARS IN FLEET		448.0	482.0	496.0	511.0	527.0	542.8
NUMBER OF CARS DELIVERED		13.0	14.0	250.0	58.0	45.0	43.0

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NEC PRO FORMAS		FINANCIAL PROJECTIONS					PAGE 14
11/25/15		OPERATOR ENTITY					
		YEAR 1994	YEAR 1995	YEAR 1996	YEAR 1997	YEAR 1998	
OPERATING INCOME ACCOUNTS		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	
COMPUTER & LOCAL FREIGHT CONTRIBUTION		9.3	9.3	9.3	9.3	9.3	9.3
INTER-CORRIDOR AMTRAK CONTRIBUTION		1.9	1.9	1.9	1.9	1.9	1.9
PRIMARY REVENUE		387.0	394.3	410.8	423.4	436.1	448.7
TOTAL REVENUE		399.1	410.5	422.0	434.6	447.3	459.9
EXPENSES							
STATION PERSONNEL		13.4	13.8	14.2	14.6	15.1	15.5
STATION CLEANING AND UTILITIES		1.9	1.9	1.9	1.9	1.9	1.9
BAGGAGE CARTS		0.7	0.7	0.7	0.7	0.8	0.8
TRAIN SUPPLIES AND EXPENSES		12.9	13.3	13.7	14.1	14.5	14.9
SNACK BAR ATTENDANTS		5.3	5.6	5.8	6.0	6.2	6.3
TICKET AGENCY COMMISSIONS		7.8	8.0	8.2	8.5	8.7	9.0
RESERVATIONS		30.4	31.3	32.2	33.2	34.2	35.2
PROMOTION		18.3	18.8	19.4	20.0	20.6	21.2
PASSENGER SERVICE DEPARTMENT OVERHEAD		0.5	0.6	0.6	0.6	0.6	0.6
ICAR MAINTENANCE		38.0	39.1	40.2	41.3	42.4	44.0
M. OF C. DEPARTMENT OVERHEAD		3.6	3.7	3.8	3.9	4.0	4.2
ENERGY		13.1	13.5	13.9	14.3	14.7	15.2
CREW		20.0	20.3	20.5	20.8	21.1	21.3
SWITCHING		1.0	1.0	1.0	1.0	1.0	1.0
STATION MASTERS		4.7	4.7	4.7	4.7	4.7	4.7
TRANSPORTATION DEPARTMENT OVERHEAD		0.8	0.8	0.8	0.8	0.8	0.8
TRANSPORTATION DEPT INSURANCE		2.0	2.0	2.1	2.1	2.1	2.1
OPERATING EXPENSE TRANSFER		47.8	47.8	47.8	47.8	47.8	47.8
GENERAL OVERHEAD		18.9	19.3	19.7	20.1	20.5	21.0
TOTAL OPERATING EXPENSES		241.3	246.3	251.2	256.6	262.0	267.9

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NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM FOR THE OPERATOR ENTITY		FINANCIAL PROJECTIONS		09104123		PAGE 15	
11/23/75									
		YEAR 1994	YEAR 1995	YEAR 1996	YEAR 1997	YEAR 1998	YEAR 1999		
SOURCES AND USES OF CASH		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES		
TOTAL REVENUE		399.1	410.5	422.0	434.6	447.3	459.9		
TOTAL OPERATING EXPENSES		241.3	246.3	251.2	254.6	262.0	267.5		
OPERATING INCOME		157.8	164.2	170.8	179.0	185.2	192.4		
OTHER SOURCES AND USES OF CASH									
SALE OF ROLLING STOCK				18.9	3.4	2.3	2.2		
PREPAYMENTS ON ROLLING STOCK		65.6	113.9	34.0	28.3	27.3	25.2		
FINAL PAYMENTS ON ROLLING STOCK		2.1	2.2	40.3	9.3	7.2	6.9		
CASH NEED INCREASE		0.1	0.1	0.1	0.2	0.2	0.2		
RECEIVABLES INCREASE		0.3	0.3	0.3	0.4	0.4	0.4		
INVENTORY INCREASE		0.1	0.1	0.1	0.1	0.1	0.1		
NET CASH FLOW		89.5	67.4	115.0	143.1	152.4	161.9		
NEW SHORT TERM DEBT									
SHORT-TERM DEBT RETIREMENT		35.6	35.6	35.6					
DEBT SERVICE TRANSFER									
SHORT-TERM DEBT INTEREST									
NET CASH AFTER DEBT TRANSACTIONS		53.9	11.8	79.4	143.1	152.4	161.9		
NEW GRANTS		67.7	116.2	74.0	37.6	34.5	32.1		
LIQUIDATION OF INVESTMENTS		7.9	9.7	11.6	14.1	19.0	24.1		
INCOME FROM INVESTMENTS		104.2	109.7	129.7	124.7	132.3	140.9		
INCOME TRANSFER		25.3	27.9	35.3	70.1	73.5	77.2		
INVESTMENT OF SURPLUS									
TOTAL SOURCES OF CASH		233.3	290.0	275.2	233.1	241.0	250.9		
TOTAL USES OF CASH		233.3	266.0	275.2	233.1	241.0	250.9		

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NEC PRC FORMAS		11/25/75		NEC IMPROVEMENT PROGRAM FOR THE OPERATOR ENTITY		FINANCIAL PROJECTIONS		09:04:23		PAGE 16	
		YEAR 1994	YEAR 1995	YEAR 1996	YEAR 1997	YEAR 1998	YEAR 1999				
INCOME ACCOUNT											
OPERATING INCOME		197.8	184.2	170.8	176.0	185.2	192.4				
SALE OF ROLLING STOCK				18.9	3.4	2.3	2.2				
INCOME FROM INVESTMENTS		7.9	9.7	11.6	14.1	19.0	24.1				
INTEREST EXPENSE											
ROLLING STOCK DEPRECIATION		26.7	27.5	28.3	29.2	30.1	31.0				
NET INCOME		138.9	146.3	172.9	166.3	176.4	187.8				
GENERAL BALANCE SHEETS											
ASSETS											
CASH		7.2	7.4	7.5	7.7	7.9	8.0				
OTHER RECEIVABLES		11.6	12.0	12.3	12.7	13.1	13.5				
PREPAYMENTS		69.0	173.6	67.9	59.1	37.6	35.3				
INVENTORIES		4.6	4.8	4.9	5.0	5.1	5.3				
INVESTMENTS		137.9	165.8	201.1	271.2	344.8	422.0				
ROLLING STOCK AT COST		374.4	385.6	396.8	408.0	421.4	433.6				
LESS ACCUMULATED DEPRECIATION		280.5	308.0	147.5	142.3	149.3	157.8				
ROLLING STOCK BOOK VALUE		93.9	77.6	249.3	266.5	272.3	275.8				
TOTAL ASSETS		324.3	441.4	523.0	603.2	688.8	759.0				
LIABILITIES											
SHORT TERM DEBT											
LONG TERM DEBT											
EQUITY ACCOUNTS											
TOTAL GRANTS		443.4	350.5	433.3	671.1	709.6	737.7				
RETAINED EARNINGS		-119.1	-110.1	-110.9	-68.9	-24.8	22.1				
TOTAL LIABILITIES		324.3	441.4	523.0	603.2	688.8	759.0				
WORKING CAPITAL											
TRANSFERS											
OPERATING EXPENSE TRANSFER		47.8	47.8	47.8	47.8	47.8	47.8				
DEBT SERVICE TRANSFER		35.6	35.6	35.6							
INCOME TRANSFER		104.2	109.7	129.7	124.7	132.3	140.9				
TOTAL TRANSFER PAYMENTS		187.6	193.2	213.1	172.6	180.7	188.7				

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NEC PRO FORMAS		11/23/75		NEC IMPROVEMENT PROGRAM - "A" - FINANCIAL PROJECTIONS		09104123		PAGE 17	
		FOR THE OPERATOR ENTITY							
		YEAR 2000	YEAR 2001	YEAR 2002	YEAR 2003	YEAR 2004	YEAR 2005		
OPERATING AND INVESTMENT STATISTICS		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES		
PASSENGER TRIPS		60.3	41.3	62.7	44.0	45.3	46.7		
PASSENGER MILES		5,359.9	5,519.5	5,679.1	5,832.0	6,024.9	6,211.1		
CAR MILES		113.3	116.6	120.0	123.7	127.3	131.2		
TRAIN MILES		13.9	14.1	14.3	14.4	14.6	14.8		
NUMBER OF CARS IN FLEET		558.0	575.0	592.0	610.0	628.0	647.0		
NUMBER OF CARS DELIVERED		42.0	35.0	31.0	29.0	29.0	31.0		

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NEC PRO FORMAS	11/25/75	NEC IMPROVEMENT PROGRAM - - - FINANCIAL PROJECTIONS					09104123	PAGE 10
		YEAR 2000	YEAR 2001	YEAR 2002	YEAR 2003	YEAR 2004	YEAR 2005	
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	
OPERATING INCOME ACCOUNTS								
COMPUTER & LOCAL FREIGHT CONTRIBUTION		9.3	9.3	9.3	9.3	9.3	9.3	
INTER-CARRIER AIRFARE CONTRIBUTION		1.0	1.0	1.0	1.0	1.0	1.0	
PRIMARY REVENUE		402.4	470.2	490.0	504.9	519.0	535.0	
TOTAL REVENUE		473.0	487.4	501.2	516.1	531.0	547.1	
EXPENSES								
STATION PERSONNEL		16.0	14.9	16.9	17.5	18.0	18.3	
STATION CLEANING AND UTILITIES		1.9	1.9	1.9	1.9	1.9	1.9	
BAGGAGE CARTS		0.0	0.0	0.9	0.9	0.9	0.9	
TRAIN SUPPLIES AND EXPENSES		15.4	15.9	16.3	16.0	17.3	17.0	
ISNACK BAR ATTENDANTS		6.3	6.7	6.9	7.1	7.3	7.6	
TICKET AGENCY COMMISSIONS		9.2	9.3	9.0	10.1	10.4	10.7	
RESERVATIONS		34.3	37.3	36.4	39.6	40.8	42.0	
PROPOTION		21.8	22.5	23.1	23.0	24.5	25.3	
PASSENGER SERVICE DEPARTMENT OVERHEAD		0.6	0.7	0.7	0.7	0.7	0.7	
ICAR MAINTENANCE		45.3	44.7	48.0	49.5	50.9	52.9	
IN. OF C. DEPARTMENT OVERHEAD		4.3	4.4	4.5	4.7	4.8	5.0	
ENERGY		15.0	16.1	16.0	17.1	17.0	18.1	
CREW		21.0	21.0	22.1	22.4	22.6	22.9	
SWITCHING		1.0	1.0	1.0	1.0	1.0	1.0	
STATION MASTERS		4.7	4.7	4.7	4.7	4.7	4.7	
TRANSPORTATION DEPARTMENT OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0	
TRANSPORTATION DEPT INSURANCE		2.2	2.2	2.2	2.2	2.3	2.3	
OPERATING EXPENSE TRANSFER		47.0	47.0	47.8	47.0	47.0	47.0	
GENERAL OVERHEAD		21.4	21.9	22.3	22.0	23.3	23.9	
TOTAL OPERATING EXPENSES		273.3	279.2	285.1	291.4	297.7	304.9	

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NEC PRE FORMAS		NEC IMPROVEMENT PROGRAM FOR THE OPERATOR ENTITY		FINANCIAL PROJECTIONS 09104123		PAGE 19	
11/25/75							
		YEAR 2000	YEAR 2001	YEAR 2002	YEAR 2003	YEAR 2004	YEAR 2005
SOURCES AND USES OF CASH		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
TOTAL REVENUE		473.6	467.4	501.2	516.1	531.0	547.1
TOTAL OPERATING EXPENSES		273.3	279.2	289.1	291.4	297.7	304.5
OPERATING INCOME		200.3	208.2	214.1	224.7	233.2	242.6
OTHER SOURCES AND USES OF CASH							
SALE OF ROLLING STOCK		2.1	1.4	1.1	0.4	0.4	1.0
PREPAYMENTS ON ROLLING STOCK		21.4	15.4	18.4	19.0	20.1	21.0
FINAL PAYMENTS ON ROLLING STOCK		4.7	3.6	5.0	4.6	4.6	5.0
CASH NEED INCREASE		0.2	0.2	0.2	0.2	0.2	0.2
RECEIVABLES INCREASE		0.4	0.4	0.4	0.4	0.4	0.5
INVENTORY INCREASE		0.1	0.1	0.1	0.2	0.2	0.2
NET CASH FLOW		179.5	183.9	193.0	201.1	208.6	216.8
NEW SHORT TERM DEBT							
SHORT-TERM DEBT RETIREMENT							
DEBT SERVICE TRANSFER							
SHORT-TERM DEBT INTEREST							
NET CASH AFTER DEBT TRANSACTIONS		173.5	183.5	193.0	201.1	208.6	216.8
NEW GRANTS							
LIQUIDATION OF INVESTMENTS							
INCOME FROM INVESTMENTS		28.2	25.0	23.5	23.7	24.7	25.9
INCOME TRANSFER		29.5	35.2	41.2	47.4	54.0	60.8
INVESTMENT OF SURPLUS		130.0	154.0	168.4	178.6	189.2	200.6
TOTAL SOURCES OF CASH		240.1	269.6	281.9	296.7	312.8	330.3
TOTAL USES OF CASH		260.1	249.8	261.9	294.7	312.8	330.3

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NEC PRO FORMAS		11/25/75		NEC IMPROVEMENT PROGRAM FOR THE OPERATOR ENTITY		FINANCIAL PROJECTIONS		09/04/23		PAGE 20			
		YEAR 2000		YEAR 2001		YEAR 2002		YEAR 2003		YEAR 2004		YEAR 2005	
INCOME ACCOUNT													
OPERATING INCOME		200.3		208.2		216.1		224.7		233.2		242.6	
SALE OF ROLLING STOCK		2.1		1.4		1.1		0.9		0.9		1.0	
INCOME FROM INVESTMENTS		29.5		35.2		41.2		47.4		54.0		60.8	
INTEREST EXPENSE													
ROLLING STOCK DEPRECIATION		31.9		32.9		33.8		34.9		35.9		37.0	
NET INCOME		200.0		212.0		224.6		238.1		252.2		267.4	
GENERAL BALANCE SHEETS													
ASSETS													
CASH		0.2		0.4		0.6		0.7		0.9		9.1	
OTHER RECEIVABLES		13.9		14.3		14.7		15.1		15.6		16.1	
PREPAYMENTS		29.8		24.6		25.5		24.0		27.5		28.4	
MATERIAL AND SUPPLIES		5.4		5.4		5.7		5.9		6.0		6.2	
INVESTMENTS		503.2		508.3		477.5		771.1		649.3		972.2	
ROLLING STOCK AT COST		446.4		440.0		475.6		486.0		502.4		517.6	
LESS ACCUMULATED DEPRECIATION		168.9		187.4		210.0		236.1		263.1		288.5	
ROLLING STOCK BOOK VALUE		277.5		272.6		263.6		251.9		239.3		227.1	
TOTAL ASSETS		838.0		915.9		955.6		1,076.8		1,168.6		1,259.4	
LIABILITIES													
SHORT TERM DEBT													
LONG TERM DEBT													
EQUITY ACCOUNTS													
TOTAL GRANTS		765.8		798.8		814.3		836.0		842.7		868.6	
RETAINED EARNINGS		72.1		125.1		181.3		240.8		303.9		370.7	
TOTAL LIABILITIES		838.0		915.9		955.6		1,076.8		1,168.6		1,259.4	
WORKING CAPITAL													
TRANSFERS													
OPERATING EXPENSE TRANSFER		47.8		47.8		47.8		47.8		47.8		47.8	
DEBT SERVICE TRANSFER													
INCOME TRANSFER		150.0		159.0		168.4		178.6		189.2		200.6	
TOTAL TRANSFER PAYMENTS		197.9		206.8		216.3		226.5		237.0		248.4	

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NEC FORMAS		NEC IMPROVEMENT PROGRAM FOR THE OPERATOR ENTITY		FINANCIAL PROJECTIONS		Q9:04:23		PAGE 21					
11/25/75		YEAR 2006 SOURCES USES		YEAR 2007 SOURCES USES		YEAR 2008 SOURCES USES		YEAR 2009 SOURCES USES		YEAR 2010 SOURCES USES		YEAR 2011 SOURCES USES	
OPERATING AND INVESTMENT STATISTICS													
PASSENGER TRIPS		48.1		45.5		51.0		52.5		54.1		55.7	
PASSENGER MILES		6,307.3		6,583.5		6,383.0		6,982.5		7,195.3		7,408.1	
CAR MILES		135.2		136.1		143.3		147.5		152.0		154.5	
TRAIN MILES		14.9		15.1		15.3		15.4		15.6		15.8	
NUMBER OF CARS IN FLEET		446.0		486.0		707.0		727.0		749.0		772.0	
NUMBER OF CARS DELIVERED		32.0		34.0		34.0		34.0		272.0		81.0	

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NEC PRC FORMAS		NEC IMPROVEMENT PROGRAM FOR THE OPERATOR		FINANCIAL PROJECTIONS		PAGE 22	
11/23/75				09104123			
		YEAR 2004	YEAR 2007	YEAR 2008	YEAR 2009	YEAR 2010	YEAR 2011
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES
OPERATING INCOME ACCOUNTS							
(COMPUTER & LOCAL FREIGHT CONTRIBUTION		9.3	9.3	9.3	9.3	9.3	9.3
(INTER-CORRIDOR AIRTRAM CONTRIBUTION		1.0	1.4	1.9	1.9	1.9	1.9
PRIMARY REVENUE		551.0	548.0	585.2	602.4	620.0	639.2
TOTAL REVENUE		543.1	579.2	594.4	613.6	632.0	650.4
EXPENSES							
STATION PERSONNEL		19.1	19.0	20.2	20.8	21.5	22.1
STATION CLEARING AND UTILITIES		1.0	1.0	1.0	1.0	1.0	1.0
BAGGAGE CARTS		1.0	1.0	1.0	1.0	1.0	1.0
TRAIN SUPPLIES AND EXPENSES		18.4	18.9	19.5	20.1	20.7	21.3
SNACK BAR ATTENDANTS		7.0	8.0	8.3	8.5	8.8	9.0
TICKET AGENCY COMMISSIONS		11.0	11.4	11.7	12.0	12.4	12.8
RESERVATIONS		43.3	44.5	45.9	47.2	48.7	50.1
PRODUCTION		26.0	26.8	27.4	28.4	29.3	30.2
PASSENGER SERVICE DEPARTMENT OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0
CAR MAINTENANCE		54.1	55.6	57.3	59.0	60.8	62.6
M. OF E. DEPARTMENT OVERHEAD		5.1	5.3	5.4	5.6	5.7	5.9
ENERGY		18.7	19.2	19.8	20.4	21.0	21.6
CREW		23.1	23.4	23.6	23.9	24.2	24.6
SWITCHING		1.0	1.0	1.0	1.0	1.0	1.0
STATION MASTERS		4.7	4.7	4.7	4.7	4.7	4.7
TRANSPORTATION DEPARTMENT OVERHEAD		0.0	0.0	0.0	0.0	0.0	0.0
TRANSPORTATION DEPT INSURANCE		2.3	2.3	2.4	2.4	2.4	2.4
OPERATING EXPENSE TRANSFER		47.8	47.8	47.8	47.8	47.8	47.8
GENERAL OVERHEAD		26.4	26.9	27.5	28.1	28.7	29.3
TOTAL OPERATING EXPENSES		311.3	318.1	325.4	332.7	340.4	348.1

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NEC PRO FORMAS		NEC IMPROVEMENT PROGRAM -- FINANCIAL PROJECTIONS					PAGE 23	
11/25/75		FOR THE OPERATOR ENTITY						
		YEAR 2006	YEAR 2007	YEAR 2008	YEAR 2009	YEAR 2010	YEAR 2011	
		SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	SOURCES USES	
SOURCES AND USES OF CASH								
TOTAL REVENUE		543.1	579.2	596.4	613.6	632.0	650.4	
TOTAL OPERATING EXPENSES		311.3	318.1	325.4	332.7	340.4	348.1	
OPERATING INCOME		231.8	261.1	271.0	280.9	291.6	302.3	
OTHER SOURCES AND USES OF CASH								
SALE OF ROLLING STOCK		1.0	1.1	1.0	1.1	20.0	4.4	
PREPAYMENTS ON ROLLING STOCK		21.8	21.8	70.9	128.2	48.7	63.3	
FINAL PAYMENTS ON ROLLING STOCK		5.1	5.4	5.4	5.4	43.5	13.0	
CASH NEED INCREASE		0.2	0.2	0.2	0.2	0.2	0.2	
RECEIVABLES INCREASE		0.3	0.3	0.3	0.3	0.3	0.3	
INVENTORY INCREASE		0.2	0.2	0.2	0.2	0.2	0.2	
NET CASH FLOW		225.1	234.1	186.8	147.5	218.4	218.8	
NEW SHORT TERM DEBT								
SHORT-TERM DEBT RETIREMENT								
DEBT SERVICE TRANSFER								
SHORT-TERM DEBT INTEREST								
NET CASH AFTER DEBT TRANSACTIONS								
NEW GRANTS								
LIQUIDATION OF INVESTMENTS								
INCOME FROM INVESTMENTS								
INCOME TRANSFER								
INVESTMENT OF SURPLUS								
TOTAL SOURCES OF CASH		347.8	365.0	439.9	507.5	504.3	673.0	
TOTAL USES OF CASH		347.8	365.0	439.9	507.5	504.3	673.0	

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MCC IMPROVEMENT PROGRAM FOR THE OPERATOR ENTITY		FINANCIAL PROJECTIONS 09/04/23					PAGE 24	
MCC FORNIA		11/23/75	YEAR 2006	YEAR 2007	YEAR 2008	YEAR 2009	YEAR 2010	YEAR 2011
INCOME ACCOUNT								
OPERATING INCOME								
SALE OF ROLLING STOCK								
INCOME FROM INVESTMENTS								
INTEREST EXPENSE								
ROLLING STOCK DEPRECIATION								
NET INCOME								
GENERAL BALANCE SHEETS								
ASSETS								
CASH								
OTHER RECEIVABLES								
INVESTMENTS								
MATERIAL AND SUPPLIES								
INVESTMENTS								
ROLLING STOCK AT COST								
LESS ACCUMULATED DEPRECIATION								
ROLLING STOCK BOOK VALUE								
TOTAL ASSETS								
LIABILITIES								
SHORT TERM DEBT								
LONG TERM DEBT								
EQUITY ACCOUNTS								
TOTAL GRANTS								
RETAINED EARNINGS								
TOTAL LIABILITIES								
WORKING CAPITAL								
TRANSFERS								
OPERATING EXPENSE TRANSFER								
DEBT SERVICE TRANSFER								
INCOME TRANSFER								
TOTAL TRANSFER PAYMENTS								

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- 1- ACQUISITION OF AMORTIZED ASSETS INCLUDES THE INTEREST ON THE R.O.M. PURCHASE BONDS ONLY THROUGH 1982. THIS INTEREST IS INCLUDED IN THE CASH STREAM FOR ROI.
- 2- THE BOOK VALUE OF ASSETS LESS INVESTMENTS MAY BE ADDED TO THE 'NET CASH FLOW' FIGURE IN THE LAST YEAR AS A TERMINAL VALUE.
- 3- WORKING CAPITAL IS CASH, INVESTMENTS, PREPAYMENTS, MATERIALS, AND SUPPLIES LESS SHORT DEBT.
- 4- ROI IS CALCULATED ON THE STREAM OF 'NET CASH BEFORE CAPITAL SERVICE'.

APPENDIX G • 54

● 山崎 豊

VARIABLE NAME	VALUE LIST
IDENTIFICATION	THIS CASE USES THE BASELINE COSTS, BUT DIVIDES TWO FUNCTIONS BETWEEN AN OWNER AND AN OPERATOR. THE OPERATOR SUBSIDIZES THE OWNER'S COSTS AND SINKING FUND PAYMENTS AND TRANSFERS TWO OF HIS INCOME TO THE OWNER.
IDENTIFICATION	
IDENTIFICATION	
IDENTIFICATION	
REPORT	
START FIRST YEAR OF PROJECTION	YEAR 1976 1976
HIGH-SPEED OPERATIONS BEGIN	YEAR 1982 1982
STOP LAST YEAR OF PROJECTION	YEAR 2011 2011
N.O.M PURCHASE	\$ 500 0
LOAD FACTOR	R/YR 0 0
CAR UTILIZATION	R/YR 0 0
SEATS PER CAR	0 0
CARS PER SNACK BAR	0 0
YEAR IN WHICH CARS ARE RESULT	YRS 0 0
CAR LIFE (IF NOT RESULT)	YRS 14 14
TOTAL CAR LIFE IF RESULT	YRS 0 0
CAR PRICE	\$ 0 0
PERCENT PAID 1 YEAR BEFORE DELIVERY	% 0 0
PERCENT PAID 2 YEARS BEFORE DELIVERY	% 0 0
PERCENT OF COST TO REBUILD CAR	% 0 0
PERCENT OF COST SALVAGED	% 0 0
EXPENSES TRANSFER	LORD 1 1
DEBT SERVICE TRANSFER	LORD 75 75
FINEO SHARING PERCENTAGE	% 14 14
COMPUTER N OF WAY SHARE	% 20 20
COMPUTER DISPATCHING SHARE	% 2.7 2.7
NON-MEC ATTRAK N OF WAY SHARE	% 8.5 8.5
NON-MEC DISPATCHING SHARE	% 7 7
SHORT DEBT INTEREST RATE	% 7 7
LONG DEBT INTEREST RATE	% 20 20
INTEREST RATE ON BOND (FOR BOM)	% 7 7
TERM OF SINKING FUND	Y 3 3
INTEREST RATE EARNABLE	% 3 3
CASH-EXPENSE RATIO	% 10 10
RECEIVABLE-REVENUE RATIO	% 10 10
INVENTORY-MAINTENANCE RATIO	% 10 10
PRESNET VALUE DISCOUNT RATE	% 0.3948 0.3948
TOTAL PROJECT DISCOUNT RATE	% 1.914 1.914
STATION PEASCHMEL	% 0 0
STATION CLEANING AND UTILITIES	% 0 0
BAGGAGE CARTS	% 0 0
TRAIN SUPPLIES AND EXPENSES	% 0 0
FOOD AND LIQUOR REVENUE	% 0 0
FOOD AND LIQUOR COST	% 0 0
SNACK BAR ATTENDANTS	% 0 0

APPENDIX G • 55

[illegible]

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A COMPLETE LIST OF MODEL INPUT VARIABLES AS DEFINED FOR THIS EXECUTION			PAGE 3
VARIABLE NAME	VALUE LIST		
MILES PASSENGER MILES	1995	34.0	34.0
	1996	35.0	35.0
	1997	36.0	36.0
	1998	38	38
	1999	39.1	39.1
	2000	40.3	40.3
	2001	41.5	41.5
	2002	42.7	42.7
	2003	44	44
	2004	45.3	45.3
	2005	46.7	46.7
	2006	48.1	48.1
	2007	49.5	49.5
	2008	51	51
	2009	52.5	52.5
	2010	54.1	54.1
	2011	55.7	55.7
	2012	0	0
	2013	0	0
	2014	0	0
	2015	0	0
	2016	0	0
	2017	0	0
	2018	0	0
	2019	0	0
	2020	0	0
	2021	0	0
	2022	2261	2261
	2023	2673.3	2673.3
	2024	2952.6	2952.6
	2025	3218.6	3218.6
	2026	3471.3	3471.3
	2027	3666.2	3666.2
	2028	3777.2	3777.2
	2029	3883.6	3883.6
	2030	3980	3980
	2031	4109.7	4109.7
	2032	4229.4	4229.4
	2033	4362.4	4362.4
	2034	4495.4	4495.4
	2035	4628.4	4628.4
	2036	4761.4	4761.4
	2037	4897.7	4897.7
	2038	5034	5034
	2039	5200.3	5200.3
	2040	5359.9	5359.9
	2041	5519.5	5519.5
	2042	5679.1	5679.1
	2043	5832	5832
	2044	6024.9	6024.9
	2045	6211.1	6211.1
	2046	6397.3	6397.3
	2047	6583.5	6583.5

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A COMPLETE LIST OF MODEL INPUT VARIABLES AS DEFINED FOR THIS EXECUTION			PAGE
VARIABLE NAME	VALUE LIST		
FARE	2000	6783	0
	2001	6783	0
	2002	6782.5	0
	2003	7195.3	0
	2004	7488.1	0
	2005	7488.1	0
	2006	0	0
	2007	0	0
	2008	0	0
	2009	0	0
	2010	0	0
	2011	0	0
	2012	0	0
	2013	0	0
	2014	0	0
	2015	0	0
	2016	0	0
	2017	0	0
	2018	0	0
	2019	0	0
	2020	0	0
PROGRAM & CONSTRUCTION MANAGEMENT	2000	194.9	0
	2001	230.4	0
	2002	234.7	0
	2003	277.7	0
	2004	299.5	0
	2005	314.4	0
	2006	325.8	0
	2007	334.8	0
	2008	343.9	0
	2009	354.6	0
	2010	364.9	0
	2011	376.0	0
	2012	387.9	0
	2013	399.3	0
	2014	410.8	0
	2015	423.4	0
	2016	436.1	0
	2017	448.7	0
	2018	462.4	0
	2019	476.2	0
	2020	490	0
PHO	2000	504.9	0
	2001	519.8	0
	2002	535.9	0
	2003	551.9	0
	2004	568	0
	2005	585.2	0
	2006	602.4	0
	2007	620.8	0
	2008	639.2	0
	2009	657.6	0
	2010	676.0	0
	2011	694.4	0
	2012	712.8	0
	2013	731.2	0
	2014	749.6	0
	2015	768.0	0
	2016	786.4	0
	2017	804.8	0
	2018	823.2	0
	2019	841.6	0
	2020	860.0	0

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A COMPLETE LIST OF MODEL INPUT VARIABLES AS DEFINED FOR THIS EXECUTION		PAGE 1	
VARIABLE NAME	VALUE LIST		
UTR	2011	0	0
	1976	65.45	0
	1977	80.68	0
	1978	48.5	0
	1979	108.22	0
	1980	82.453	0
	1981	24.581	0
	1982	4.033	0
	1983	0	0
	1984	0	0
	1985	0	0
	1986	0	0
	1987	0	0
	1988	0	0
	1989	0	0
	1990	0	0
	1991	0	0
	1992	0	0
	1993	0	0
	1994	0	0
	1995	0	0
	1996	0	0
	1997	0	0
	1998	0	0
	1999	0	0
	2000	0	0
	2001	0	0
	2002	0	0
	2003	0	0
	2004	0	0
	2005	0	0
	2006	0	0
	2007	0	0
	2008	0	0
	2009	0	0
	2010	0	0
	2011	0	0
	1976	4.37	0
	1977	33.5	0
	1978	24.16	0
	1979	4.37	0
	1980	0	0
	1981	0	0
	1982	0	0
	1983	0	0
	1984	0	0
	1985	0	0
	1986	0	0
	1987	0	0
DATA			
IFENCING			

APPENDIX G . 61

A COMPLETE LIST OF NCORL INPUT VARIABLES AS DEFINED FOR THIS EXECUTION		PAGE 9
VARIABLE NAME	VALUE LIST	
LPO LAND ACQUISITION FOR TRACT REALIGNMENT	1981	0
	1985	0
	1990	0
	1991	0
	1992	0
	1993	0
	1994	0
	1995	0
	1996	0
	1997	0
	1998	0
	1999	0
	2000	0
	2001	0
	2002	0
	2003	0
	2004	0
	2005	0
	2006	0
	2007	0
	2008	0
	2009	0
	2010	0
	2011	0
	1976	5.6
	1977	21.7
	1978	14.1
	1979	1.4
	1980	0
	1981	0
	1982	0
	1983	0
	1984	0
1985	0	
1986	0	
1987	0	
1988	0	
1989	0	
1990	0	
1991	0	
1992	0	
1993	0	
1994	0	
1995	0	
1996	0	
1997	0	
1998	0	
1999	0	
2000	0	

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FEA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

A COMPLETE LIST OF MODEL INPUT VARIABLES AS OBTAINED FOR THIS EXECUTION		PAGE 9
VARIABLE NAME	VALUE LIST	
WTH	2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 1976 1977	20.6 44.257 81.143
LONG LEAD MATERIALS		
SYSTEM TEST		
URG		

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

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A COMPLETE LIST OF MODEL INPUT VARIABLES
AS DEFINED FOR THIS EXECUTION

VARIABLE NAME	VALUE LIST
BRIDGE AND TUNNEL UPGRADING	1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990
LUTU	53.8 64.71 64.71 64.71 64.71 64.71

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A COMPLETE LIST OF MODEL INPUT VARIABLES AS DEFINED FOR THIS EXECUTION		VALUE LIST	
VARIABLE NAME			
HELP	ELECTRIFICATION	1991	0.976
		1992	3.99
		1993	35.37
		1994	62.15
		1995	48
		1996	22.31
		1997	0
		1998	0
		1999	0
		2000	0
		2001	0
		2002	0
		2003	0
		2004	0
		2005	0
		2006	0
		2007	0
		2008	0
		2009	0
		2010	0
		2011	0
		1976	0
		1977	0
		1978	0
		1979	0
		1980	0
		1981	0
		1982	0
		1983	0
		1984	0
		1985	0
		1986	0
		1987	0
		1988	0
		1989	0
		1990	0
		1991	0
		1992	0
		1993	0
		1994	0
		1995	0
		1996	0
		1997	0
		1998	0
		1999	0
		2000	0
		2001	0
		2002	0
		2003	0

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A COMPLETE LIST OF MODEL INPUT VARIABLES AS DEFINED FOR THIS EXECUTION			PAGE 12
VARIABLE NAME	VALUE LIST		
USG	2004	0	0
	2005	0	0
	2006	0	0
	2007	0	0
	2008	0	0
	2009	0	0
	2010	0	0
	2011	0	0
	1974	5.44	0
	1977	7.14	0
	1978	7.94	0
	1979	44.44	0
	1980	88.25	0
	1981	87.75	0
	1982	58.54	0
	1983	0	0
	1984	0	0
	1985	0	0
	1986	0	0
	1987	0	0
1988	0	0	
1989	0	0	
1990	0	0	
1991	0	0	
1992	0	0	
1993	0	0	
1994	0	0	
1995	0	0	
1996	0	0	
1997	0	0	
1998	0	0	
1999	0	0	
2000	0	0	
2001	0	0	
2002	0	0	
2003	0	0	
2004	0	0	
2005	0	0	
2006	0	0	
2007	0	0	
2008	0	0	
2009	0	0	
2010	0	0	
2011	0	0	
SERVICE FACILITIES	1974	11.27	0
	1977	25.17	0
	1978	27.16	0
	1979	27.16	0
	1980	30.37	0
USMP			

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

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A COMPLETE LIST OF MODEL INPUT VARIABLES
AS DEFINED FOR THIS EXECUTION

VARIABLE NAME	VALUE LIST
1981	40.97
1982	
1983	
1984	
1985	
1986	
1987	
1988	
1989	
1990	
1991	
1992	
1993	
1994	
1995	
1996	
1997	
1998	
1999	
2000	
2001	
2002	
2003	
2004	
2005	
2006	
2007	
2008	
2009	
2010	
2011	
1976	3.01
1977	7.89
1978	29.37
1979	48.11
1980	48.74
1981	64.74
1982	7.15
1983	
1984	
1985	
1986	
1987	
1988	
1989	
1990	
1991	
1992	
1993	

LIST OF STATIONS

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A COMPLETE LIST OF MODEL INPUT VARIABLES
AS DEFINED FOR THIS EXECUTION

PAGE 14

VARIABLE NAME	VALUE LIST
FROM FREIGHT FACILITIES	1994
	1995
	1996
	1997
	1998
	1999
	2000
	2001
	2002
	2003
	2004
	2005
	2006
	2007
	2008
	2009
	2010
	2011
	1976
	1977
	1978
	1979
	1980
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1997	
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2002	
2003	
2004	
2005	
2006	
2007	
2008	
2009	
2010	
2011	

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A COMPLETE LIST OF MODEL INPUT VARIABLES
AS DEFINED FOR THIS EXECUTION

VARIABLE NAME	VALUE LIST
FROM	2007 2008 2009 2010 2011
EXTRA VECTOR	1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011

1.

APPENDIX H

**FINANCIAL PROJECTIONS
FOR A CONSERVATIVE (55%)
LOAD FACTOR CASE**

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

ALL FIGURES IN UNITS

NET INVESTMENT REQUIRED - \$ 1.00 FINANCIAL PROJECTIONS
 INVESTMENT REQUIRED IN \$1.00 PER UNIT

ACTIVITY

VEHICLES IN UNITS
 ALL OTHER FIGURES IN \$1.00

ACTIVITY	VEHICLES IN UNITS	NET INVESTMENT VALUE
VEHICLES	1000	-1000.00
VEHICLE MAINT.	1000	-1000.00
VEHICLE REPAIR	1000	-1000.00

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ITEM	1970	1971	1972	1973	1974	1975
OPERATING EXPENSES	100.0	100.0	100.0	100.0	100.0	100.0
PASSENGER TRIPS	100.0	100.0	100.0	100.0	100.0	100.0
PASSENGER MILES	100.0	100.0	100.0	100.0	100.0	100.0
CAR MILES	100.0	100.0	100.0	100.0	100.0	100.0
STATION MILES	100.0	100.0	100.0	100.0	100.0	100.0
NUMBER OF CARS IN FLEET	100.0	100.0	100.0	100.0	100.0	100.0
NUMBER OF CARS DELIVERED	100.0	100.0	100.0	100.0	100.0	100.0
FACILITIES IN SERVICE	100.0	100.0	100.0	100.0	100.0	100.0
SERVICE FACILITIES	100.0	100.0	100.0	100.0	100.0	100.0
STATION FACILITIES	100.0	100.0	100.0	100.0	100.0	100.0
STATION MATERIALS	100.0	100.0	100.0	100.0	100.0	100.0
STATION EQUIPMENT	100.0	100.0	100.0	100.0	100.0	100.0
STATION REPAIRS	100.0	100.0	100.0	100.0	100.0	100.0
STATION MAINTENANCE	100.0	100.0	100.0	100.0	100.0	100.0
STATION SUPPLIES	100.0	100.0	100.0	100.0	100.0	100.0
STATION UTILITIES	100.0	100.0	100.0	100.0	100.0	100.0
STATION INSURANCE	100.0	100.0	100.0	100.0	100.0	100.0
STATION TAXES	100.0	100.0	100.0	100.0	100.0	100.0
STATION DEPRECIATION	100.0	100.0	100.0	100.0	100.0	100.0
STATION TOTAL	100.0	100.0	100.0	100.0	100.0	100.0
STATION FACILITIES	100.0	100.0	100.0	100.0	100.0	100.0
STATION TOTAL	100.0	100.0	100.0	100.0	100.0	100.0

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OPERATION, INC. ACCOUNT	1966					1967				
	1966	1967	1968	1969	1970	1966	1967	1968	1969	1970
COMPUTER LOCAL FLIGHT CONTINGENT										
INTER-LOCAL AIRCRAFT CONTINGENT										
PRIMARY REVENUE										
TOTAL REVENUE										
EXPENSES										
STATION PERSONNEL										
STATION CLEANING AND UTILITIES										
BAGGAGE CARTS										
TRAIN SUPPLIES AND EXPENSES										
SMALL BUS TICKETS										
TICKET AGENCY COMMISSIONS										
RESERVATION										
PASSENGER SERVICES										
CAR MAINTENANCE										
REPAIRS TO DEPARTMENT VEHICLES										
ENERGY										
CREW										
SWITCHING										
DISPATCHING										
STATION MAINTENANCE										
TRANSPORTATION DEPARTMENT VEHICLES										
MAINTENANCE OF RAIL AND TRUCKS										
MAINTENANCE OF CATERING										
MAINTENANCE OF COMMUNICATION AND CLOTHING										
MAINTENANCE OF STATION SHOPPING										
MAINTENANCE OF DEPARTMENT SUPERVISION										
TRANSPORTATION DEPARTMENT VEHICLES										
GENERAL EXPENSES										
TOTAL OPERATION EXPENSES										

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APPENDIX H . 11

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APPENDIX H . 13

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APPENDIX H . 17

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APPENDIX H - 18

LINE NO.	DESCRIPTION	1975	1976	1977	1978	1979	1980	1981	1982
1	OPERATING INCOME ACCOUNTS								
2	COMMITTEE FUND (PRELIMINARY) CONTRIBUTION	7.5							7.5
3	INTER-COMMERCIAL BANK CONTRIBUTION	1.0							1.0
4	PRIMARY REVENUE	281.9							281.9
5	TOTAL REVENUE	290.4							290.4
6	EXPENSES								
7	STATION PERSONNEL								
8	STATION UTILITIES								
9	STATION CATERING								
10	STATION STATIONERY & SUPPLIES								
11	STATION RENT								
12	TICKET MACHINE MAINTENANCE								
13	STATION MAINTENANCE								
14	PASSENGER SERVICE DEPARTMENT OVERHEAD								
15	CAR MAINTENANCE								
16	STATION MAINTENANCE OVERHEAD								
17	ENERGY	1.0	15.5	16.0	16.0	16.0	16.0	16.0	16.0
18	CREW	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
19	SWITCHING	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	DISPATCHING	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
21	STATION MASTERS	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
22	TRANSPORTATION MAINTENANCE OVERHEAD	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
23	MAINTENANCE OF VEHICLES AND STRUCTURES	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
24	MAINTENANCE OF CATERING	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
25	MAINTENANCE OF COMMUNICATIONS	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
26	MAINTENANCE OF TELEPHONE MAINTENANCE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
27	MAINTENANCE OF TELEPHONE MAINTENANCE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
28	TRANSPORTATION DEPT INSURANCE	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
29	GENERAL MAINTENANCE	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
30	TOTAL OPERATING EXPENSES	243.9	243.9	243.9	243.9	243.9	243.9	243.9	243.9

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APPENDIX H . 21

OPERATING AND INVESTMENT	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2
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LINE NO.	DESCRIPTION	FISCAL YEAR									
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
1	OPERATING INCOME ACCOUNTS										
2	COMPUTER & EQUIPMENT CONTRIBUTION										
3	TELEPHONE CONTRIBUTION										
4	PRIMARY SERVICE										
5	TOTAL REVENUE										
6	EXPENSES										
7	STATION PERSONNEL										
8	STATION CLEANING AND UTILITIES										
9	TRAVEL EXPENSES										
10	TRAIN SUPPLIES AND EXPENSES										
11	SNACKS AND ALCOHOLICS										
12	TICKET AGENCY COMMISSIONS										
13	RESERVATION										
14	PROTECTION										
15	PASSENGER SERVICE DEPARTMENT OVERHEAD										
16	ICAR MAINTENANCE										
17	IN. OF C. DEPARTMENT OVERHEAD										
18	EMPLOY										
19	ICRPH										
20	SWITCHING										
21	DISPATCHING										
22	STATION MASTER										
23	TRANSPORTATION (MAINTENANCE) OVERHEAD										
24	MAINTENANCE OF RAILROAD STRUCTURES										
25	MAINTENANCE OF TRAINING										
26	MAINTENANCE OF COMMUNICATIONS AND SIGNALS										
27	MAINTENANCE OF STATION'S GENERAL YARDS										
28	IN. OF M. DEPARTMENT OVERHEAD										
29	TRANSPORTATION AND MAINTENANCE										
30	GENERAL OVERHEAD										
31	TOTAL OPERATING EXPENSES										

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FINANCIAL PROJECTIONS						PAGE 20
NET PRE PAGES	YEAR 2005	YEAR 2006	YEAR 2007	YEAR 2008	YEAR 2009	YEAR 2010
INCOME ACCOUNT						
OPERATING INCOME	230.4	211.5	211.5	211.5	211.5	211.5
SALE OF REALTY	1.1	1.1	1.1	1.1	1.1	1.1
INCOME FROM INVESTMENT						
INCOME FROM LENDING FUND (COMMODITY)						
INTEREST INCOME						
ROLLING STOCK APPRECIATION						
NET INCOME	231.5	212.6	212.6	212.6	212.6	212.6
GENERAL BALANCE SHEET						
ASSETS						
CASH	100.0	100.0	100.0	100.0	100.0	100.0
OTHER RECEIVABLE	100.0	100.0	100.0	100.0	100.0	100.0
PREPAYMENTS	100.0	100.0	100.0	100.0	100.0	100.0
MATERIAL AND SUPPLIES	100.0	100.0	100.0	100.0	100.0	100.0
INVESTING FUND	100.0	100.0	100.0	100.0	100.0	100.0
ROLLING STOCK AT COST	100.0	100.0	100.0	100.0	100.0	100.0
LESS ACCUMULATED DEPRECIATION	100.0	100.0	100.0	100.0	100.0	100.0
ROLLING STOCK BOOK VALUE	100.0	100.0	100.0	100.0	100.0	100.0
IMPROVEMENTS	100.0	100.0	100.0	100.0	100.0	100.0
REAL ASSETS	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL ASSETS	100.0	100.0	100.0	100.0	100.0	100.0
LIABILITIES						
SHORT TERM DEBT	100.0	100.0	100.0	100.0	100.0	100.0
LONG TERM DEBT	100.0	100.0	100.0	100.0	100.0	100.0
ROLL PURCHASE FUND	100.0	100.0	100.0	100.0	100.0	100.0
EQUITY ACCOUNT	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL GRANTS	100.0	100.0	100.0	100.0	100.0	100.0
RETAINED EARNINGS	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL LIABILITIES	100.0	100.0	100.0	100.0	100.0	100.0
WORKING CAPITAL	100.0	100.0	100.0	100.0	100.0	100.0

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ITEM	1980-1981					1981-1982					1982-1983					1983-1984					1984-1985					1985-1986					1986-1987					1987-1988					1988-1989					1989-1990					1990-1991					1991-1992					1992-1993					1993-1994					1994-1995					1995-1996					1996-1997					1997-1998					1998-1999					1999-2000					2000-2001					2001-2002					2002-2003					2003-2004					2004-2005					2005-2006					2006-2007					2007-2008					2008-2009					2009-2010					2010-2011					2011-2012					2012-2013					2013-2014					2014-2015					2015-2016					2016-2017					2017-2018					2018-2019					2019-2020					2020-2021					2021-2022					2022-2023					2023-2024					2024-2025					2025-2026					2026-2027					2027-2028					2028-2029					2029-2030					2030-2031					2031-2032					2032-2033					2033-2034					2034-2035					2035-2036					2036-2037					2037-2038					2038-2039					2039-2040					2040-2041					2041-2042					2042-2043					2043-2044					2044-2045					2045-2046					2046-2047					2047-2048					2048-2049					2049-2050					2050-2051					2051-2052					2052-2053					2053-2054					2054-2055					2055-2056					2056-2057					2057-2058					2058-2059					2059-2060					2060-2061					2061-2062					2062-2063					2063-2064					2064-2065					2065-2066					2066-2067					2067-2068					2068-2069					2069-2070					2070-2071					2071-2072					2072-2073					2073-2074					2074-2075					2075-2076					2076-2077					2077-2078					2078-2079					2079-2080					2080-2081					2081-2082					2082-2083					2083-2084					2084-2085					2085-2086					2086-2087					2087-2088					2088-2089					2089-2090					2090-2091					2091-2092					2092-2093					2093-2094					2094-2095					2095-2096					2096-2097					2097-2098					2098-2099					2099-2100					2100-2101					2101-2102					2102-2103					2103-2104					2104-2105					2105-2106					2106-2107					2107-2108					2108-2109					2109-2110					2110-2111					2111-2112					2112-2113					2113-2114					2114-2115					2115-2116					2116-2117					2117-2118					2118-2119					2119-2120					2120-2121					2121-2122					2122-2123					2123-2124					2124-2125					2125-2126					2126-2127					2127-2128					2128-2129					2129-2130					2130-2131					2131-2132					2132-2133					2133-2134					2134-2135					2135-2136					2136-2137					2137-2138					2138-2139					2139-2140					2140-2141					2141-2142					2142-2143					2143-2144					2144-2145					2145-2146					2146-2147					2147-2148					2148-2149					2149-2150					2150-2151					2151-2152					2152-2153					2153-2154					2154-2155					2155-2156					2156-2157					2157-2158					2158-2159					2159-2160					2160-2161					2161-2162					2162-2163					2163-2164					2164-2165					2165-2166					2166-2167					2167-2168					2168-2169					2169-2170					2170-2171					2171-2172					2172-2173					2173-2174					2174-2175					2175-2176					2176-2177					2177-2178					2178-2179					2179-2180					2180-2181					2181-2182					2182-2183					2183-2184					2184-2185					2185-2186					2186-2187					2187-2188					2188-2189					2189-2190					2190-2191					2191-2192					2192-2193					2193-2194					2194-2195					2195-2196					2196-2197					2197-21
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SEC. 401 LINE	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	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APPENDIX H . 27

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This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	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This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FPA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

1- RECONSTRUCTION OF THE COMPANY'S FINANCIAL STATEMENTS FOR THE PERIOD 1980-1984. THE COMPANY'S FINANCIAL STATEMENTS FOR THE PERIOD 1980-1984 WERE RECONSTRUCTED ON THE BASIS OF THE INFORMATION PROVIDED BY THE COMPANY'S MANAGEMENT. THE RECONSTRUCTION OF THE COMPANY'S FINANCIAL STATEMENTS FOR THE PERIOD 1980-1984 WAS COMPLETED BY THE COMPANY'S MANAGEMENT. THE RECONSTRUCTION OF THE COMPANY'S FINANCIAL STATEMENTS FOR THE PERIOD 1980-1984 WAS COMPLETED BY THE COMPANY'S MANAGEMENT.

2- THE COMPANY'S FINANCIAL STATEMENTS FOR THE PERIOD 1980-1984 WERE RECONSTRUCTED ON THE BASIS OF THE INFORMATION PROVIDED BY THE COMPANY'S MANAGEMENT. THE RECONSTRUCTION OF THE COMPANY'S FINANCIAL STATEMENTS FOR THE PERIOD 1980-1984 WAS COMPLETED BY THE COMPANY'S MANAGEMENT. THE RECONSTRUCTION OF THE COMPANY'S FINANCIAL STATEMENTS FOR THE PERIOD 1980-1984 WAS COMPLETED BY THE COMPANY'S MANAGEMENT.

3- THE COMPANY'S FINANCIAL STATEMENTS FOR THE PERIOD 1980-1984 WERE RECONSTRUCTED ON THE BASIS OF THE INFORMATION PROVIDED BY THE COMPANY'S MANAGEMENT. THE RECONSTRUCTION OF THE COMPANY'S FINANCIAL STATEMENTS FOR THE PERIOD 1980-1984 WAS COMPLETED BY THE COMPANY'S MANAGEMENT. THE RECONSTRUCTION OF THE COMPANY'S FINANCIAL STATEMENTS FOR THE PERIOD 1980-1984 WAS COMPLETED BY THE COMPANY'S MANAGEMENT.

4- THE COMPANY'S FINANCIAL STATEMENTS FOR THE PERIOD 1980-1984 WERE RECONSTRUCTED ON THE BASIS OF THE INFORMATION PROVIDED BY THE COMPANY'S MANAGEMENT. THE RECONSTRUCTION OF THE COMPANY'S FINANCIAL STATEMENTS FOR THE PERIOD 1980-1984 WAS COMPLETED BY THE COMPANY'S MANAGEMENT. THE RECONSTRUCTION OF THE COMPANY'S FINANCIAL STATEMENTS FOR THE PERIOD 1980-1984 WAS COMPLETED BY THE COMPANY'S MANAGEMENT.

APPENDIX H 30

[illegible]

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FBA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

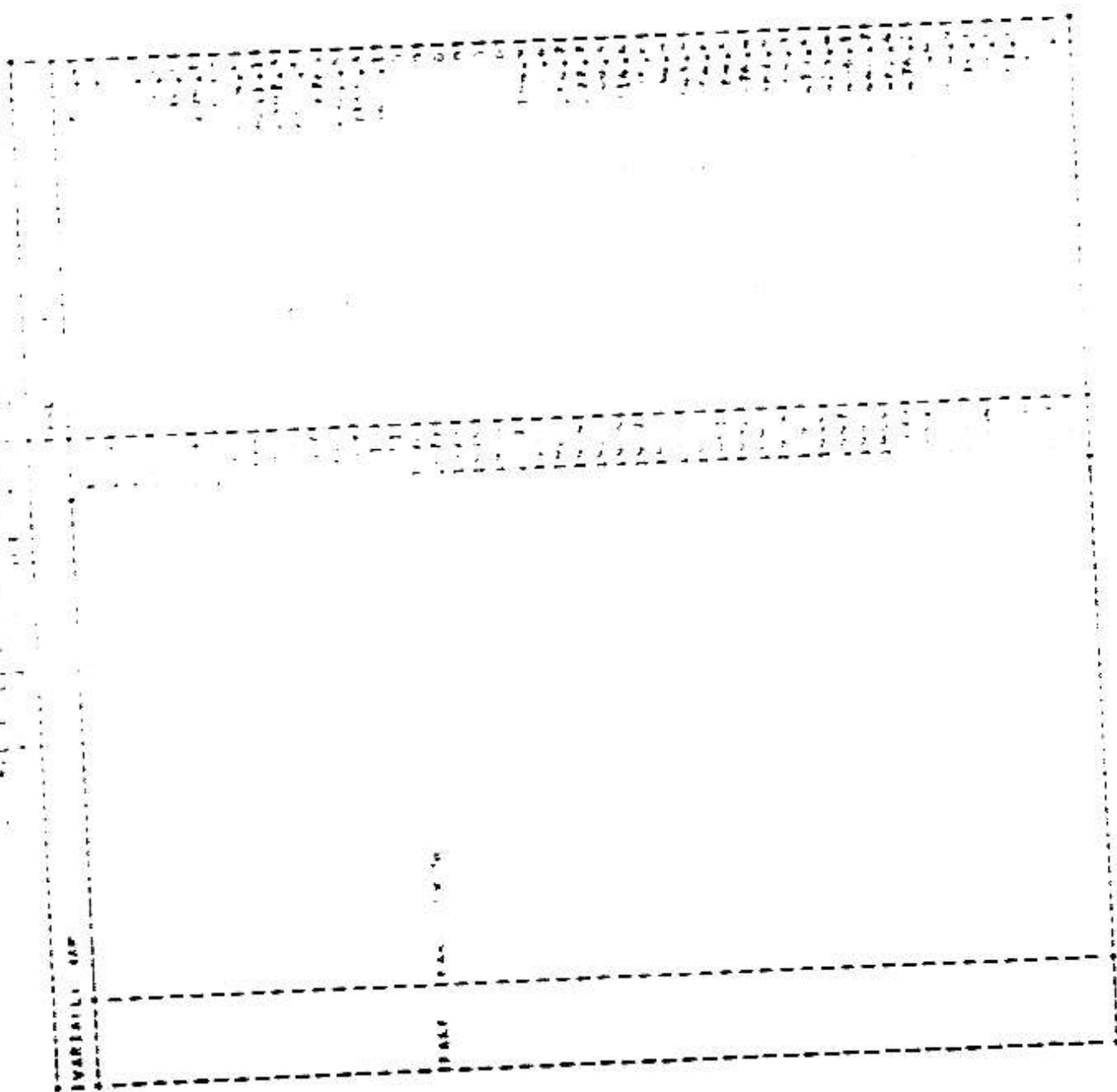
APPENDIX H . 31

VARIABLES		1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961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APPENDIX H . 32

[illegible]

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.



APPENDIX H • 34

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

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APPENDIX H . 37

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This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

APPENDIX H . 39

APPENDIX H . 39

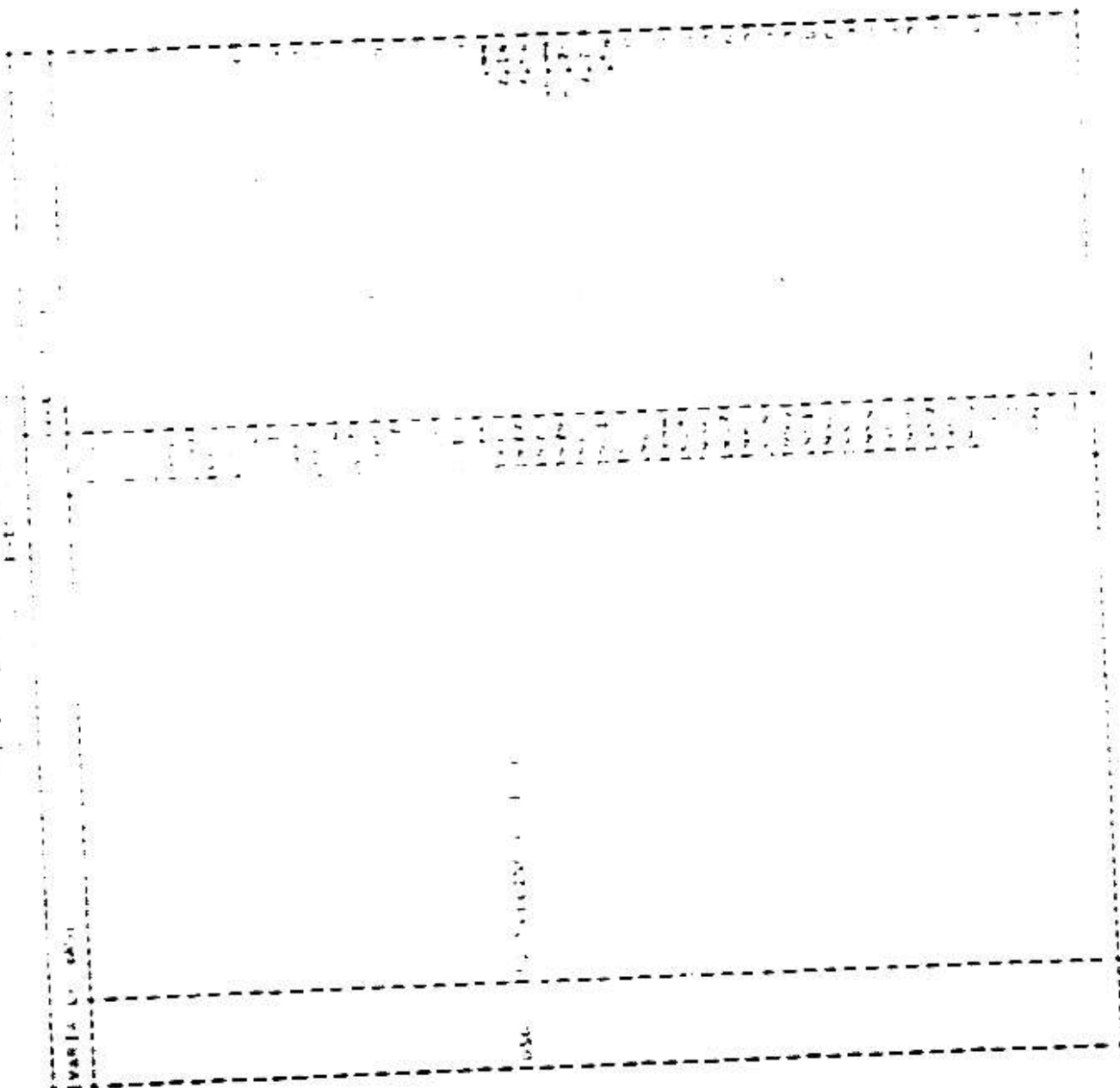
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This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

APPENDIX B • 41



APPENDIX H . 42

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This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.

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APPENDIX H . 44

This illustration has been prepared on the basis of information and assumptions set forth in Appendix A. The achievement of any financial projection, however, is dependent on the occurrence of future events which cannot be assured. Therefore, the actual results may vary from the projection. This illustration is solely for FRA internal use. It is not intended for use in any prospectus or in any other manner to encourage or induce any form of external financing.



APPENDIX I**REPORT OF INVENTIONS APPENDIX**

After a diligent review of the work performed under this contract, no new innovation, discovery, improvement or invention was made.