NETWORK ADMINISTRATION
ADMINISTRATIVE MEASUREMENTS
VOICE STORAGE SUBSYSTEM (VSS)

CONTENTS PAGE

1. GENERAL 1

2. DESCRIPTION 1

3. TRAFFIC SCHEDULES 3

4. MEASUREMENT UNITS 8

Figure

1. Voice Storage Subsystem Interfaces . . 9

Tables

A. C Schedule Format 10

B. H Schedule Format 12

C. D Schedule Format 15

D. VSS Measurement Descriptions . . 30

1. GENERAL

1.01 This document defines and describes the VSS administrative measurement system, the various measurement schedules, and the specific measurements required for Network Administration and Network Design in both teletypewriter (TTY) and Total Network Data System (TNDS) environments.

1.02 When this section is reissued, the reason for reissue will be stated in this paragraph.

1.03 The title for each figure contained in this section includes a number in parentheses which identifies the paragraph(s) in which the figure is referenced.

1.04 Recommendations for changes, additions, or deletions to this section should be made per Form E-3973 as specified in Section 000-010-015.

2. DESCRIPTION

2.01 The traffic measurements associated with the VSS include the necessary data that are required by Network Administration (Dial Administrator) and Network Design organizations and the Marketing and Service-Cost organizations. Voice Storage Subsystem measurements are consistent in principle with the traffic measurement schedules provided from existing Electronic Switching System (ESS) machines.

2.02 The VSS measurement system is designed to provide data on a real-time basis. In addition to real-time monitoring, the administrative VSS measurements system will also provide performance information for a variety of specific time periods (specific month totals, specific day totals, high day, etc). These measurement data are available for forecasting and engineering purposes. Data are also available for measuring the customer usage/habits of VSS services. This information is necessary for Marketing, Rates and Tariffs, and Service-Costs organizations.

2.03 The output of the traffic measurements is accomplished by the following traffic schedules.

- C Schedule
- H Schedule
- Q Schedule
- D Schedule

Descriptions of these schedules are the basis for all traffic measurement outputs from the VSS and will contain all traffic data relative to:

- Interoffice Trunks
- Switching Network
- MF Transmitters
- MF Receivers
- 3A Processor
- Disk Storage
- Voice Message Controllers.

Traffic Schedules-General

C and H Schedules

2.04 The C Schedule provides measurements on trunk utilization between the client offices (ESS) and the VSS. The H Schedule provides measurements relating to the performance and internal utilization of VSS. These two schedules are passed to the Engineering and Administration Data Acquisition System (EADAS) via a polled binary interface. The C and H data are used by EADAS to generate Network Operations Report Generating (NORGEN) reports on exceptional conditions and to provide regularly scheduled reports on VSS performance. These two schedules (C and H) contain all the required information to adequately engineer a VSS office.

D Schedule

2.05 The D Schedule is collected via EADAS; however, it is not utilized for exception reporting. The D Schedule data are instead passed to the Traffic Data Administration System (TDAS) and consists of the following two parts:

(1) 24-hour totals for those measurements contained in the H and C Schedules

(2) Service cost information.

The D Schedule contains measurements on trunks, storage and system usage vectored by service, and duplication. Each VSS prototype is represented by a component in the D Schedule traffic vector (a prototype is a collection of service features marketed as a package).

Q Schedule

2.06 The Q Schedule is a subset of the H Schedule and provides an overview of system performance. This schedule is used as an aid to the Network Administrator and is passed to the Network Administration Center (NAC) via the Switching Control Center (SCC). These data are not collected by EADAS; however, they are available in the H Schedule.

Total Network Data System (TNDS) Interface

2.07 The VSS has two independent data links which comprise the interface to TNDS. One interface is to the EADAS. The second link is to the Network Administration Center (NAC).

2.08 The EADAS interface will be a binary link which will allow for full EADAS capabilities for VSS. EADAS will poll VSS for H, C, and D Schedules through this binary interface. Within EADAS, NORGEN is used to trigger traffic measurement outputs based on a threshold criteria. NORGEN reports for VSS have been designed to take advantage of established software and to construct register layouts and trunk reports to conform to existing No. 1 ESS reports as much as possible. As a result, a fixed assignment of trunk data will be used to reflect a maximum possible configuration of 32 trunk groups.

2.09 A separate 110 bits/second American Standard Code Information Interchange (ASCII) interface channel is provided to allow traffic measurements to be printed on a dedicated traffic TTY. The ASCII interface is required since some operating companies may not have EADAS. The sending hours of the traffic measurements to the dedicated TTY interface are a generic parameter.

2.10 The Network Administration Center channel is a 1200-bits per second ASCII interface to the No. 2 Switching Control Center System (SCCS) over a dedicated facility. This channel is used for the transmittal of certain alarm conditions and the Q Schedule as well as the verification of equipment status. In the event of an EADAS data link or EADAS machine failure, the NAC channel will function as a backup means of transmitting other traffic data (H, C, and D Schedules) in addition

to the normal handling of the Q Schedule. The exact transmittal time period of H and C Schedule data to the NAC when EADAS failures occur is a parameter of the generic program.

2.11 See Fig. 1 for a diagram of the major VSS interfaces.

3. TRAFFIC SCHEDULES

3.01 All traffic schedule formats, whether TTY or TNDS, will be fixed with each measurement having a fixed location in a printed TTY message or a postion in a data block. This feature allows for easy identification of individual measurements by the user. Also, a cycle count is included in each schedule sent to EADAS (N, C, D) for verification of the length of the measurement period. Example: CCYCLE = 18 (18 CCS in one-half hour period).

3.02 Formats indicating the relative position of the measurements (by mnemonic) within the traffic schedules are contained in Tables A through D. A general description of each schedule is contained in paragraphs 3.03 through 3.06. Table D gives a complete listing, by measurement mnemonic, and description of all measurements applicable to the VSS schedules.

3.03 Each measurement is identified by its mnemonic. The majority of the measurements are obtained by ***logging*** an action or by ***scanning*** VSS operations. ***Logging*** is accomplished by recording an action at the time it occurs (peg count). Usage measurements are made by ***scanning*** the appropriate resources at regular intervals and recording the usage.

3.04 ***C Schedule:*** The C Schedule measures the trunk utilization between client offices and the VSS. The measurement period is 30 minutes. See Table A for a layout of the C Schedule measurements output. The following measurements are collected in this schedule:

(1) TGPCnn—Outgoing peg count (including overflows). Logged by action.

(2) TGIPCnn—Incoming peg count (measures trunk seizures only). Logged by action.

(3) TGOFLnn—Overflow peg count. Logged by action.

(4) TGMBnn—Maintenance usage. Scanned every 50 seconds.

(5) TGUSGnn—Usage (includes maintenance usage). Scanned every 50 seconds.

(6) TGNCInn—Number of circuits installed.

(7) CCYCLE—Provides EADAS with a check of the amount of data collected. It consists of a measurement of the CCS in the measurement period. This count is increased every other time the scanning routine is invoked to record trunk usage. For a 30-minute measurement period CCYCLE=18.

3.05 ***H Schedule:*** The H Schedule provides measurements of VSS internal utilization. This schedule also includes a repeat of C Schedule data for use by the EADAS H Report generating modules (this is necessary because there is no communication between the H and C Report modules in EADAS). The following measurements are provided in addition to the C Schedule data. The measurement period is 30 minutes. See Table B for the H Schedule layout.

(a) Storage-Disk Transports

(1) STRTPV—Total peak storage used for voice during measured period. Notes 1 and 2.

(2) STRTPD—Total peak storage used for data during period. Notes 1 and 2.

(3) STRMAVL—Minimum storage available during period. Notes 1 and 2.

(4) MERSPC, AERSPC—Peg counts of messages, announcements erased during measured period. Notes 1 and 3.

(5) MERSLEN, AERSLEN—Total length of messages, announcements erased during period. This is the physical length measured in disk tracks. Notes 1 and 3.

Notes:

1. Measurements (1) through (5) are stored in main memory and are available when traffic data are to be collected.

2. Measurements (1) through (3) are peak values for the total amount of system storage used and include storage used for duplication of messages and announcements.

3. Measurements (4) and (5) do not include duplication.

(b) Service Circuits-MF Transmitters and Receivers

(1) MFRPC, MFTPC—Peg count (includes overflows). Logged by action.

(2) MFROFL, MFTOFL—Overflow peg count. Logged by action.

(3) MFRUSG, MFTUSG—Usage (includes maintenance usage). Scanned every 5 seconds.

(4) MFRMB, MFTMB—Maintenance usage. Scanned every 5 seconds.

(c) Voice Message Controllers (VMC)

(1) VMCNAPC—Peg count of the number of times during the measured period that a voice sector or data sector could not be filed or retrieved because no VMC was available. Logged by action.

(2) VMCNUSGn (n=0-7)—Normal busy time for each VMC. A VMC is in the normal busy state when it is handling either voice or data transfers. This measurement is made using a routine which scans the VMCs every 5.1 seconds. The figure of 5.1 seconds is used to ensure that the VMCs are scanned during different portions of the VMC cycle.

(3) VMCMUSGn—Maintenance usage for each VMC. A VMC is in the maintenance busy state when the VMC minor cycle is not running. Performed by scanning every 5.1 seconds.

(d) Total Calls Handled—Calls handled by VSS are defined as those incoming calls which proceed to the point of successful transmission of MF information to VSS. Also included are those outgoing calls which succeed in transmitting MF information out of the VSS. By this definition duplication is not considered to be a call; however, data calls (call back to No. 1 ESS) and maintenance calls are included. Also not included in the definition of calls handled are those calls where an on-hook occurs before return of wink or during MF transmission. Because of this, the sum of normally and abnormally terminated calls (see definitions below) will not be equal to the total number of trunk seizures.

(1) CNPC—Peg count of the number of voice and data calls terminated normally. A call terminates normally if VSS does not cause the call to fail through hardware malfunctions, software errors, or due to the existence of an overload condition.

(2) CABNPC—Peg count of the number of calls (voice or data) terminated abnormally. A call terminates abnormally if it does not terminate in a normal manner.

(e) Processor Real Time

(1) CCNBUSG—Total amount of time the central control has been in the normal busy state during the measured period. Performed by scanning every 5 seconds.

(2) CCOVLT—Total amount of time the central control has been in the overload state during the measured period. The processor is in the normal busy state if it is not in any overload state (ie, any level of overload). Performed by scanning every 5 seconds.

(3) CCOVLPC—Peg count of the number of times the central control has been in an overload state. Logged by action.

(4) CCQLEN—A measure of the software queue used in determining the state of the central control (overload vs normal). The queue length is sampled a number of times during the measurement period and CCQLEN is the sum of these samples.

(5) CCQPC—The number of samples of the software queue represented by CCQLEN. An average queue length for the measurement period is obtained by dividing CCQLEN by this count.

(f) Duplication and Storage Overload

(1) MAUNDUP—Number of messages and announcements unduplicated at the end of the measured period.

(2) STROVLT—Number of seconds the system has been in the storage overload state during the measured period. The system is in the storage overload state when there is no more room to accept customer voice for storage. Performed by scanning every 5 seconds.

(g) Processor Main Memory

(1) PMMNIU—Total main storage not in use at the end of the measured period.

(2) PMMFAPC—Peg Count of the number of attempts to get main memory that failed due to lack of memory. Logged by action.

(h) Cycle Count

HCYCLE—Serves same function as CCYCLE in the C Schedule. See paragraph 3.04.

(i) Delay

(1) DELAYPC—Peg count of the number of incoming calls where the interval from seizure to return of wink exceeds 3 seconds. This measurement provides information on the engineering of the MF receivers and transmitters.

(2) ANSUPTIM—A measure of the time from seizure to return of answer supervision totaled over all incoming calls for which answer supervision was returned.

(3) ANSUPC—Peg count of the number of incoming calls for which answer supervision was returned.

3.06 ***Q Schedule:*** The Q Schedule is a subset of the H Schedule. The measurement mnemonics associated with this schedule are listed below. The Q Schedule measurements are the same as those on the H Schedule (Table B) except that the mnemonic is prefixed with a Q. The measurement period is 15 minutes.

(1) QCNPC—Total number of calls terminated normally.

(2) QCABNPC—Total number of calls terminated abnormally.

(3) QCCNBUSG—Total amount of time the central control has been in the normal busy state.

(4) QCCOVLPC—Number of times the central control has been in an overload state.

(5) QCCOVLT—Total amount of time the central control has been in an overload state.

(6) QMFROFL—MF receiver overflow peg count.

(7) QMFTOFL—MF transmitter overflow peg count.

(8) QVMCNAPC—Peg count of the number of times a voice sector or data sector could not be filed or retrieved because no VMC was available.

(9) QMAUNDUP—Number of messages and announcements unduplicated at the end of the measured period.

(10) QSTROVLT—Amount of time the system has been in the storage overload state.

(11) QPMMFAPC—Peg count of the number of attempts to get main memory that failed due to lack of main memory.

(12) QCCQLEN—Sum of the samples of the central control queue length.

(13) QCCQPC—Peg count of the number of samples of the central control queue length.

3.07 ***D Schedule:*** The D Schedule consists of:

(1) The same measurements as those in the H and C Schedules (including measurements on duplication); however, the measurements are totaled on a 24-hour basis.

(2) Measurements on trunks, storage, and usage vectored by service on a 24-hour total. In addition, this portion of the schedule may also be set for up to four (4) one-hour measurement periods during any part of the day.

See Table C for the D Schedule output. The following items discuss the major portion of the D Schedule with the exception of the H and C Schedules (Item 1 above) which are covered in paragraphs 3.04 and 3.05 respectively:

(a) Duplication Measurements: Duplication measurements are available for the 24-hour period only and are as follows:

(1) TGDPCnn (nn = 00-31)—Peg count of the number of trunk seizures for duplication by trunk group. Logged by action.

(2) TGDUSGnn—Total amount of time used for duplication during measured period.

(3) TGDFnn—Number of aborted duplication attempts during the measured period. Since several duplications may be attempted with one trunk seizure, it is possible to have several aborted duplications on a given trunk seizure. Logged by action.

(4) DUP30—Number of duplications delayed less than 30 minutes. See Note.

(5) DUP60—Number of duplications delayed by 30 minutes or more and by less than 60 minutes. See Note.

(6) DUPOVR—Number of duplications delayed by 60 minutes or more. See Note.

Note: These measurements are the elapsed time from initial entry into the request queue until duplication occurs and are logged by action.

(b) Trunk Measurements: Incoming peg counts, outgoing peg counts, and usage measurements are vectored on the following items:

- Call Answering Prototypes
- Announcement Service Prototypes
- Time Specified/Unspecified Advance Calling Prototype
- Data Calls.

Note: A data call is defined as any call between the VSS and the ESS in which the only intent is to send MF information (service orders, activation messages to the ESS, etc).

Traffic measurements can be made on a maximum of 10 prototypes for each of the features listed above (Call Answering, Announcement Service, and Advance Calling). The trunk usage measurements differ from those discussed previously in that measurements are made for billable usage only, not total usage. Billable usage is defined as the time from return of answer supervision to disconnect. It does not include such items as the time from seizure to return of answer supervision or the guard band after disconnect. Comparison of the two types of usage figures provides a measure of the overhead associated with the various prototypes. The mnemonics associated with trunk measurements are:

(1) CACPC, CACIPC, CACUSG—Outgoing peg count, incoming peg count, and usage for Casual Call Answering Prototype.

(2) CADPC, CADIPC, CADUSG—Outgoing peg count, incoming peg count, and usage for Deluxe Call Answering Prototype.

(3) CAMPC, CAMIPC, CAMUSG—Outgoing peg count, incoming peg count, and usage for Monthly Call Answering Prototype.

(4) ASSBPC, ASSBIPC, ASSBUSG—Outgoing peg count, incoming peg count, and usage for Small Business Announcement Service Prototype.

(5) TSAPC, TSAIPC, TSAUSG—Outgoing peg count, incoming peg count, and usage for Time Specified Advance Calling.

(6) TUAPC, TUAIPC, TUAUSG—Outgoing peg count, incoming peg count, and usage for Time Unspecified Advance Calling.

(7) SCACPC, SCACIPC, SCACUSG—Outgoing peg count, incoming peg count, and usage for Status Check Advance Calling.

(8) CANCPC, CANCIPC, CANCUSG—Outgoing peg count, incoming peg count, and usage for Cancellation Advance Calling.

(9) DCPC, DCIPC, DCUSG—Outgoing peg count, incoming peg count, and usage for Data Calls.

(c) Storage (Disk Transport): The following measurements are made for Call Answering, Time Specified Advance Calling, and Time Unspecified Advance Calling:

(1) CACMERS, CADMERS, CAMMERS, TSAMERS, TUAMERS—Total number of Messages Erased during measured period.

(2) CACMDUR, CADMDUR, CAMMDUR, TSAMDUR, TUAMDUR—Total length in Duration of Messages Erased during measured period.

(3) CACMST, CADMST, CAMMST, TSAMST, TUAMST—Total Storage Time of Messages Erased during measured period.

(4) CACAERS, CADAERS, CAMAERS, ASSBERS—Total number of Announcements Erased during period. Not applicable to Advance Calling.

(5) CACADUR, CADADUR, CAMADUR, ASSBDUR—Total length in Duration of Announcements Erased during period. Not applicable to Advance Calling.

(6) CACAST, CADAST, CAMAST, ASSBST—Total Storage Time of Announcements Erased during period. Not applicable to Advance Calling.

(7) MERSDUR, AERSDUR—Total length in Duration of Messages, Announcements Erased during period. The duration of a message or announcement is the length of time it was stored in the system.

(8) MERSSTRT, AERSSTRT—Total Storage Time of Messages, Announcements Erased during period. Storage time is defined as the length of a message or announcement multiplied by the duration it was stored (this calculation is performed by the 3A Processor).

(d) Activity Measurements: Peg counts are maintained on the various activities associated with each VSS service. These measurements are vectored by VSS service prototype.

- ***Call Answering Prototypes:***

(1) CACACT, CAMACT, CADACT—Number of activations during the period.

(2) CACINM, CAMINM, CADINM—Number of intercepts with no message left during the period.

(3) CACIM, CAMIM, CADIM—Number of intercepts with message left during the period.

(4) CACPLYB, CAMPLYB, CADPLYB—Number of playbacks during the period.

(b) CACDACT, CAMDACT, CADDACT—Number of deactivations during the period.

- ***Announcement Service Prototype:***

(1) ASSBACT—Number of activations during the period.

(2) ASSBI—Number of intercepts during the period.

(3) ASSBDAC—Number of deactivations during the period.

- ***Time Specified Advance Calling and Time Unspecified Advance Calling:***

(1) TSAAI, TUAAI—Number of attempted message inputs during the measured period.

(2) TSASI, TUASI—Number of successful message inputs during the measured period.

(3) TSAAD, TUAAD—Number of attempted message deliveries during the measured period.

(4) TSASD, TUASD—Number of successful message deliveries during the measured period.

(5) TSAMDD, TUAMDD—Number of undelivered messages deleted during the measured period.

(6) TSASC, TUASC—Number of status checks during the measured period.

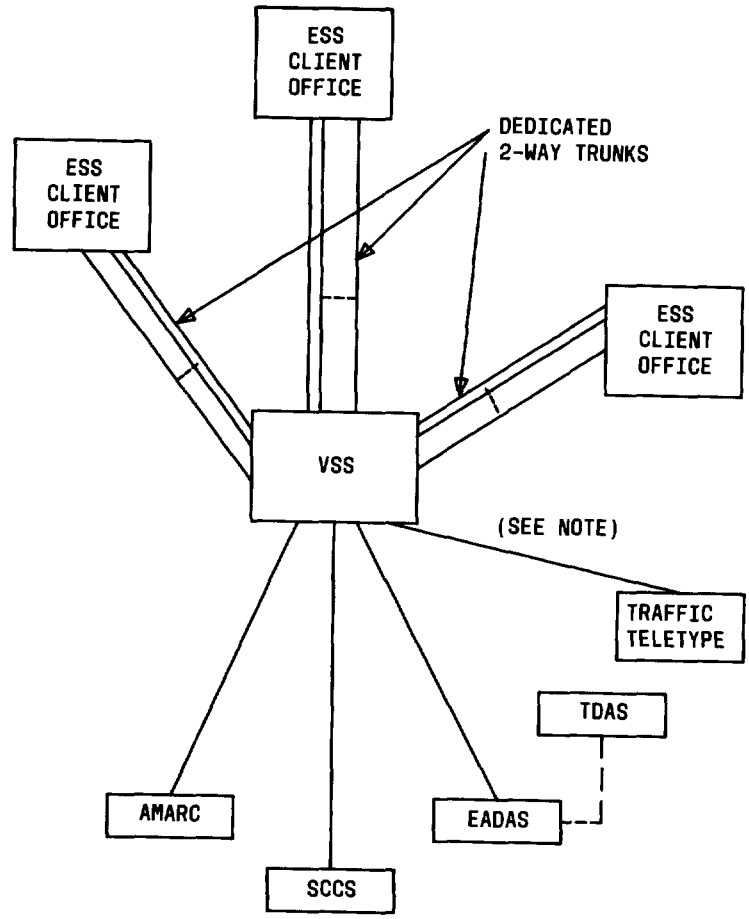
(e) Cycle Count:

- DCYCLE—Provides a cycle count for each 24-hour measurement and serves the same purpose as other cycle counts. See paragraph 3.04.

(f) Hourly Measurements: As previously mentioned in paragraph 3.07(2), measurements on trunks, storage, and usage vectored by service can be made for up to four (4) one-hour periods (the hour of the day can be specified by the user). The applicable individual measurements are the same as those listed in paragraph 3.07(a) through (d). Hourly measurements cannot be made on H Schedule, C Schedule or duplication items. The traffic register DTIMEn indicates the half-hour or hour in which the measurement period will begin. The measurement periods can be determined by the user and changed by generic overwrite as required.

4. MEASUREMENT UNITS

4.01 All traffic measurements use one word (16 bit) registers. The units of measurement for each item are designed so that each register provides sufficient capacity without overflow. The measurement capacity is designed to accommodate 13,000 busy hour calls and an eight-busy-hour day.



SUPPORT SYSTEMS

AMARC - AUTOMATIC MESSAGE ACCOUNTING RECORDING CENTER
SCCS - SWITCHING CONTROL CENTER
EADAS - ENGINEERING AND ADMINISTRATION DATA AQUISITION SYSTEM
TDAS - TRAFFIC DATA ADMINISTRATION SYTEM

NOTE:
FOR LOCATIONS NOT HAVING EADAS CAPABILITY,
THE DEDICATED TRAFFIC TTY IS APPLICABLE.

Fig. 1—Voice Storage Subsystem Interfaces (2.11)

TABLE A

C SCHEDULE

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
CYCLE COUNT	(1) CCYCLE									
TRUNK GROUPS	(2) TGPC00	TGIPC00	TGOFL00	TGMB00	TGUSG00	TGNCI00				
	(3) TGPC01	TGIPC01	TGOFL01	TGMB01	TGUSG01	TGNCI01				
	(4) TGPC02	TGIPC02	TGOFL02	TGMB02	TGUSG02	TGNCI02				
	(5) TGPC03	TGIPC03	TGOFL03	TGMB03	TGUSG03	TGNCI03				
	(6) TGPC04	TGIPC04	TGOFL04	TGMB04	TGUSG04	TGNCI04				
	(7) TGPC05	TGIPC05	TGOFL05	TGMB05	TGUSG05	TGNCI05				
	(8) TGPC06	TGIPC06	TGOFL06	TGMB06	TGUSG06	TGNCI06				
	(9) TGPC07	TGIPC07	TGOFL07	TGMB07	TGUSG07	TGNCI07				
	(10) TGPC08	TGIPC08	TGOFL08	TGMB08	TGUSG08	TGNCI08				
	(11) TGPC09	TGIPC09	TGOFL09	TGMB09	TGUSG09	TGNCI09				
	(12) TGPC10	TGIPC10	TGOFL10	TGMB10	TGUSG10	TGNCI10				
	(13) TGPC11	TGIPC11	TGOFL11	TGMB11	TGUSG11	TGNCI11				
	(14) TGPC12	TGIPC12	TGOFL12	TGMB12	TGUSG12	TGNCI12				
	(15) TGPC13	TGIPC13	TGOFL13	TGMB13	TGUSG13	TGNCI13				
	(16) TGPC14	TGIPC14	TGOFL14	TGMB14	TGUSG14	TGNCI14				
	(17) TGPC15	TGIPC15	TGOFL15	TGMB15	TGUSG15	TGNCI15				
	(18) TGPC16	TGIPC16	TGOFL16	TGMB16	TGUSG16	TGNCI16				
	(19) TGPC17	TGIPC17	TGOFL17	TGMB17	TGUSG17	TGNCI17				
	(20) TGPC18	TGIPC18	TGOFL18	TGMB18	TGUSG18	TGNCI18				
	(21) TGPC19	TGIPC19	TGOFL19	TGMB19	TGUSG19	TGNCI19				
	(22) TGPC20	TGIPC20	TGOFL20	TGMB20	TGUSG20	TGNCI20				
	(23) TGPC21	TGIPC21	TGOFL21	TGMB21	TGUSG21	TGNCI21				
	(24) TGPC22	TGIPC22	TGOFL22	TGMB22	TGUSG22	TGNCI22				
	(25) TGPC23	TGIPC23	TGOFL23	TGMB23	TGUSG23	TGNCI23				

TABLE A (Contd)

C SCHEDULE

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
TRUNK GROUPS	(1) TGPC24	TGIPC24	TGOFL24	TGMB24	TGUSG24	TGNCI24				
	(2) TGPC25	TGIPC25	TGOFL25	TGMB25	TGUSG25	TGNCI25				
	(3) TGPC26	TGIPC26	TGOFL26	TGMB26	TGUSG26	TGNCI26				
	(4) TGPC27	TGIPC27	TGOFL27	TGMB27	TGUSG27	TGNCI27				
	(5) TGPC28	TGIPC28	TGOFL28	TGMB28	TGUSG28	TGNCI28				
	(6) TGPC29	TGIPC29	TGOFL29	TGMB29	TGUSG29	TGNCI29				
	(7) TGPC30	TGIPC30	TGOFL30	TGMB30	TGUSG30	TGNCI30				
	(8) TGPC31	TGIPC31	TGOFL31	TGMB31	TGUSG31	TGNCI31				
	(9)									
	(10)									
	(11)									
	(12)									
	(13)									
	(14)									
	(15)									
	(16)									
	(17)									
	(18)									
	(19)									
	(20)									
	(21)									
	(22)									
	(23)									
	(24)									
	(25)									

TABLE B

H SCHEDULE

		QUARTER HOUR (1)	QUARTER HOUR (2)	QUARTER HOUR (3)	QUARTER HOUR (4)	(5)	(6)	(7)	(8)	(9)	(10)
CYCLE COUNT	(1)	HCYCLE									
	(2)	QCNPC	QCNPC	0	0		QCABNPC	QCABNPC	0	0	
	(3)	QCCNBUSG	QCCNBUSG	0	0		QCCOVLPC	QCCOVLPC	0	0	
	(4)	QCCOVLT	QCCOVLT	0	0		QMFROFL	QMFROFL	0	0	
	(5)	QMFTOFL	QMFTOFL	0	0		QVMCNAPC	QVMCNAPC	0	0	
	(6)	QMAUNDUP	QMAUNDUP	0	0		QSTROVLT	QSTROVLT	0	0	
	(7)	QPMMFAPC	QPMMFAPC	0	0		QCCQLEN	QCCQLEN	0	0	
	(8)	QCCQPC	QCCQPC	0	0						
	(9)										
	(10)										
	(11)										
	(12)										
	(13)										
	(14)										
	(15)	STRTPV	STRTPD	STRMAVL							
	(16)	MERSPC	MERSLEN	AERSPC	AERSLEN						
	(17)	MFROFL	MFRPC	MFRUSG	MFRMB						
	(18)	MFTOFL	MFTPC	MFTUSG	MFTMB						
	(19)	VMCNUSG0	VMCNUSG1	VMCNUSG2	VMCNUSG3	VMCNUSG4	VMCNUSG5	VMCNUSG6	VMCNUSG7		
	(20)	VMCMUSG0	VMCMUSG1	VMCMUSG2	VMCMUSG3	VMCMUSG4	VMCMUSG5	VMCMUSG6	VMCMUSG7		
	(21)	VMCNAPC									
	(22)	CNPC	CABNPC	DELAYPC	ANSUPC	ANSUPTIM					
	(23)	CCNBUSG	CCOVLPC	CCOVLT	CCQPC	CCQLEN					
	(24)	MAUNDUP	STROVLT								
	(25)	PMMNIU	PMMFAPC								

TABLE B (Contd)

H SCHEDULE

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
CYCLE COUNT	(1) CCYCLE									
TRUNK GROUPS	(2) TGPC00	TGIPC00	TGOFL00	TGMB00	TGUSG00	TGNCI00				
	(3) TGPC01	TGIPC01	TGOFL01	TGMB01	TGUSG01	TGNCI01				
	(4) TGPC02	TGIPC02	TGOFL02	TGMB02	TGUSG02	TGNCI02				
	(5) TGPC03	TGIPC03	TGOFL03	TGMB03	TGUSG03	TGNCI03				
	(6) TGPC04	TGIPC04	TGOFL04	TGMB04	TGUSG04	TGNCI04				
	(7) TGPC05	TGIPC05	TGOFL05	TGMB05	TGUSG05	TGNCI05				
	(8) TGPC06	TGIPC06	TGOFL06	TGMB06	TGUSG06	TGNCI06				
	(9) TGPC07	TGIPC07	TGOFL07	TGMB07	TGUSG07	TGNCI07				
	(10) TGPC08	TGIPC08	TGOFL08	TGMB08	TGUSG08	TGNCI08				
	(11) TGPC09	TGIPC09	TGOFL09	TGMB09	TGUSG09	TGNCI09				
	(12) TGPC10	TGIPC10	TGOFL10	TGMB10	TGUSG10	TGNCI10				
	(13) TGPC11	TGIPC11	TGOFL11	TGMB11	TGUSG11	TGNCI11				
	(14) TGPC12	TGIPC12	TGOFL12	TGMB12	TGUSG12	TGNCI12				
	(15) TGPC13	TGIPC13	TGOFL13	TGMB13	TGUSG13	TGNCI13				
	(16) TGPC14	TGIPC14	TGOFL14	TGMB14	TGUSG14	TGNCI14				
	(17) TGPC15	TGIPC15	TGOFL15	TGMB15	TGUSG15	TGNCI15				
	(18) TGPC16	TGIPC16	TGOFL16	TGMB16	TGUSG16	TGNCI16				
	(19) TGPC17	TGIPC17	TGOFL17	TGMB17	TGUSG17	TGNCI17				
	(20) TGPC18	TGIPC18	TGOFL18	TGMB18	TGUSG18	TGNCI18				
	(21) TGPC19	TGIPC19	TGOFL19	TGMB19	TGUSG19	TGNCI19				
	(22) TGPC20	TGIPC20	TGOFL20	TGMB20	TGUSG20	TGNCI20				
	(23) TGPC21	TGIPC21	TGOFL21	TGMB21	TGUSG21	TGNCI21				
	(24) TGPC22	TGIPC22	TGOFL22	TGMB22	TGUSG22	TGNCI22				
	(25) TGPC23	TGIPC23	TGOFL23	TGMB23	TGUSG23	TGNCI23				

TABLE B (Contd)

H SCHEDULE

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
TRUNK GROUPS	(1) TGPC24	TGIPC24	TGOFL24	TGMB24	TGUSG24	TGNCI24				
	(2) TGPC25	TGIPC25	TGOFL25	TGMB25	TGUSG25	TGNCI25				
	(3) TGPC26	TGIPC26	TGOFL26	TGMB26	TGUSG26	TGNCI26				
	(4) TGPC27	TGIPC27	TGOFL27	TGMB27	TGUSG27	TGNCI27				
	(5) TGPC28	TGIPC28	TGOFL28	TGMB28	TGUSG28	TGNCI28				
	(6) TGPC29	TGIPC29	TGOFL29	TGMB29	TGUSG29	TGNCI29				
	(7) TGPC30	TGIPC30	TGOFL30	TGMB30	TGUSG30	TGNCI30				
	(8) TGPC31	TGIPC31	TGOFL31	TGMB31	TGUSG31	TGNCI31				
	(9)									
	(10)									
	(11)									
	(12)									
	(13)									
	(14)									
	(15)									
	(16)									
	(17)									
	(18)									
	(19)									
	(20)									
	(21)									
	(22)									
	(23)									
	(24)									
	(25)									

TABLE C

D SCHEDULE

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
CYCLE COUNT	(1)	DCYCLE									
TRUNK MEASUREMENTS	(2)	CACPC	CACIPC	CACUSG	CADPC	CADIPC	CADUSG	CAMPC	CAMIPC	CAMUSG	
	(3)										
	(4)										
	(5)										
	(6)	ASSBPC	ASSBIPC	ASSBUSG							
	(7)										
	(8)										
	(9)										
	(10)	TSAPC	TSAIPC	TSAUSG							
	(11)	TUAPC	TUAIPC	TUAUSG							
	(12)	SCACPC	SCACIPC	SCACUSG							
	(13)	CANCPC	CANCIPC	CANCUSG							
	(14)	DCPC	DCIPC	DCUSG							
	(15)										
STORAGE	(16)	CACMERS	CACMDUR	CACMST	CACAERS	CACADUR	CACAST				
	(17)	CADMERS	CADMDUR	CADMST	CADAERS	CADADUR	CADAST				
	(18)	CAMMERS	CAMMDUR	CAMMST	CAMAERS	CAMADUR	CAMAST				
	(19)										
	(20)										
	(21)										
	(22)										
	(23)										
	(24)										
	(25)										

TABLE C (Contd)

D SCHEDULE

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	(1)	ASSBERS	ASSBDUR	ASSBST							
	(2)										
	(3)										
	(4)										
	(5)	TSAMERS	TSAMDUR	TSAMST							
	(6)	TUAMERS	TUAMDUR	TUAMST							
	(7)										
	(8)										
	(9)										
	(10)										
	(11)										
	(12)										
	(13)										
	(14)										
USAGE	(15)	CACACT	CACINM	CACIM	CACPLYB	CACDACT	CADACT	CADINM	CADIM	CADPLYB	CADDACT
	(16)	CAMACT	CAMINM	CAMIM	CAMPLYB	CAMDACT					
	(17)										
	(18)										
	(19)										
	(20)	ASSBACT	ASSBI	ASSBDAC							
	(21)										
	(22)										
	(23)										
	(24)	TSAAI	TSASI	TSAAD	TSASD	TSAMDD	TSASC				
	(25)	TUAAI	TUASI	TUAAD	TUASD	TUAMDD	TUASC				

TABLE C (Contd)

D SCHEDULE

C DATA

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
CYCLE COUNT	(1) CCYCLE									
TRUNK GROUPS	(2) TGPC00	TGIPC00	TGOFL00	TGMB00	TGUSG00	TGNCI00				
	(3) TGPC01	TGIPC01	TGOFL01	TGMB01	TGUSG01	TGNCI01				
	(4) TGPC02	TGIPC02	TGOFL02	TGMB02	TGUSG02	TGNCI02				
	(5) TGPC03	TGIPC03	TGOFL03	TGMB03	TGUSG03	TGNCI03				
	(6) TGPC04	TGIPC04	TGOFL04	TGMB04	TGUSG04	TGNCI04				
	(7) TGPC05	TGIPC05	TGOFL05	TGMB05	TGUSG05	TGNCI05				
	(8) TGPC06	TGIPC06	TGOFL06	TGMB06	TGUSG06	TGNCI06				
	(9) TGPC07	TGIPC07	TGOFL07	TGMB07	TGUSG07	TGNCI07				
	(10) TGPC08	TGIPC08	TGOFL08	TGMB08	TGUSG08	TGNCI08				
	(11) TGPC09	TGIPC09	TGOFL09	TGMB09	TGUSG09	TGNCI09				
	(12) TGPC10	TGIPC10	TGOFL10	TGMB10	TGUSG10	TGNCI10				
	(13) TGPC11	TGIPC11	TGOFL11	TGMB11	TGUSG11	TGNCI11				
	(14) TGPC12	TGIPC12	TGOFL12	TGMB12	TGUSG12	TGNCI12				
	(15) TGPC13	TGIPC13	TGOFL13	TGMB13	TGUSG13	TGNCI13				
	(16) TGPC14	TGIPC14	TGOFL14	TGMB14	TGUSG14	TGNCI14				
	(17) TGPC15	TGIPC15	TGOFL15	TGMB15	TGUSG15	TGNCI15				
	(18) TGPC16	TGIPC16	TGOFL16	TGMB16	TGUSG16	TGNCI16				
	(19) TGPC17	TGIPC17	TGOFL17	TGMB17	TGUSG17	TGNCI17				
	(20) TGPC18	TGIPC18	TGOFL18	TGMB18	TGUSG18	TGNCI18				
	(21) TGPC19	TGIPC19	TGOFL19	TGMB19	TGUSG19	TGNCI19				
	(22) TGPC20	TGIPC20	TGOFL20	TGMB20	TGUSG20	TGNCI20				
	(23) TGPC21	TGIPC21	TGOFL21	TGMB21	TGUSG21	TGNCI21				
	(24) TGPC22	TGIPC22	TGOFL22	TGMB22	TGUSG22	TGNCI22				
	(25) TGPC23	TGIPC23	TGOFL23	TGMB23	TGUSG23	TGNCI23				

TABLE C (Contd)

D SCHEDULE

C DATA

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
TRUNK GROUPS	(1) TGPC24	TGIPC24	TGOFL24	TGMB24	TGUSG24	TGNCI24				
	(2) TGPC25	TGIPC25	TGOFL25	TGMB25	TGUSG25	TGNCI25				
	(3) TGPC26	TGIPC26	TGOFL26	TGMB26	TGUSG26	TGNCI26				
	(4) TGPC27	TGIPC27	TGOFL27	TGMB27	TGUSG27	TGNCI27				
	(5) TGPC28	TGIPC28	TGOFL28	TGMB28	TGUSG28	TGNCI28				
	(6) TGPC29	TGIPC29	TGOFL29	TGMB29	TGUSG29	TGNCI29				
	(7) TGPC30	TGIPC30	TGOFL30	TGMB30	TGUSG30	TGNCI30				
	(8) TGPC31	TGIPC31	TGOFL31	TGMB31	TGUSG31	TGNCI31				
	(9)									
	(10)									
	(11)									
	(12)									
	(13)									
	(14)									
	(15)									
	(16)									
	(17)									
	(18)									
	(19)									
	(20)									
	(21)									
	(22)									
	(23)									
	(24)									
	(25)									

TABLE C (Contd)

D SCHEDULE

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
DUPLICATION TRUNK GROUPS	(1)	TGDPC00	TGDUSG00	TGDF00							
	(2)	TGDPC01	TGDUSG01	TGDF01							
	(3)	TGDPC02	TGDUSG02	TGDF02							
	(4)	TGFPC03	TGDUSG03	TGDF03							
	(5)	TGDPC04	TGDUSG04	TGDF04							
	(6)	TGDPC05	TGDUSG05	TGDF05							
	(7)	TGDPC06	TGDUSG06	TGDF06							
	(8)	TGDPC07	TGDUSG07	TGDF07							
	(9)	TGDPC08	TGDUSG08	TGDF08							
	(10)	TGDPC09	TGDUSG09	TGDF09							
	(11)	TGDPC10	TGDUSG10	TGDF10							
	(12)	TGDPC11	TGDUSG11	TGDF11							
	(13)	TGDPC12	TGDUSG12	TGDF12							
	(14)	TGDPC13	TGDUSG13	TGDF13							
	(15)	TGDPC14	TGDUSG14	TGDF14							
	(16)	TGDPC15	TGDUSG15	TGDF15							
	(17)	TGDPC16	TGDUSG16	TGDF16							
	(18)	TGDPC17	TGDUSG17	TGDF17							
	(19)	TGDPC18	TGDUSG18	TGDF18							
	(20)	TGDPC19	TGDUSG19	TGDF19							
	(21)	TGDPC20	TGDUSG20	TGDF20							
	(22)	TGDPC21	TGDUSG21	TGDF21							
	(23)	TGDPC22	TGDUSG22	TGDF22							
	(24)	TGDPC23	TGDUSG23	TGDF23							
	(25)	TGDPC24	TGDUSG24	TGDF24							

TABLE C (Contd)

D SCHEDULE

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
(1)	TGDPC25	TGDUSG25	TGDF25							
(2)	TGDPC26	TGDUSG26	TGDF26							
(3)	TGDPC27	TGDUSG27	TGDF27							
(4)	TGDPC28	TGDUSG28	TGDF28							
(5)	TGDPC29	TGDUSG29	TGDF29							
(6)	TGDPC30	TGDUSG30	TGDF30							
(7)	TGDPC31	TGDUSG31	TGDF31							
(8)	DUP30	DUP60	DUPOVR							
(9)										
(10)										
(11)										
(12)										
(13)										
(14)	HCYCLE									
(15)	STRTPV	STRTPD	STRMAVL							
(16)	MERSPC	MERSLEN	AERSPC	AERSLEN						
(17)	MFROFL	MFRPC	MFRUSG	MFRMB						
(18)	MFTOFL	MFTPC	MFTUSG	MFTMB						
(19)	VMCNUSG0	VMCNUSG1	VMCNUSG2	VMCNUSG3	VMCNUSG4	VMCNUSG5	VMCNUSG6	VMCNUSG7		
(20)	VMCMUSG0	VMCMUSG1	VMCMUSG2	VMCMUSG3	VMCMUSG4	VMCMUSG5	VMCMUSG6	VMCMUSG7		
(21)	VMCNAPC									
(22)	CNPC	CABNPC	DELAYPC	ANSUPC	ANSUPTIM					
(23)	CCNBUSG	CCOVLPC	CCOVLT	CCQPC	CCQLEN					
(24)	MAUNDUP	STROVLT								
(25)	PMMNIU	PMMFAPC								

TABLE C (Contd)

D SCHEDULE

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ERASURE MEASUREMENTS	(1)	MERSDR00	MERSST00	AERSDR00	AERSST00		MERSDR01	MERSST01	AERSDR01	AERSST01	
	(2)	MERSDR02	MERSST02	AERSDR02	AERSST02		MERSDR03	MERSST03	AERSDR03	AERSST03	
	(3)	MERSDR04	MERSST04	AERSDR04	AERSST04		MERSDR05	MERSST05	AERSDR05	AERSST05	
	(4)	MERSDR06	MERSST06	AERSDR06	AERSST06		MERSDR07	MERSST07	AERSDR07	AERSST07	
	(5)	MERSDR08	MERSST08	AERSDR08	AERSST08		MERSDR09	MERSST09	AERSDR09	AERSST09	
	(6)	MERSDR10	MERSST10	AERSDR10	AERSST10		MERSDR11	MERSST11	AERSDR11	AERSST11	
	(7)	MERSDR12	MERSST12	AERSDR12	AERSST12		MERSDR13	MERSST12	AERSDR13	AERSST13	
	(8)	MERSDR14	MERSST14	AERSDR14	AERSST14		MERSDR15	MERSST15	AERSDR15	AERSST15	
	(9)	MERSDR16	MERSST16	AERSDR16	AERSST16		MERSDR17	MERSST17	AERSDR17	AERSST17	
	(10)	MERSDR18	MERSST18	AERSDR18	AERSST18		MERSDR19	MERSST19	AERSDR19	AERSST19	
	(11)	MERSDR20	MERSST20	AERSDR20	AERSST20		MERSDR21	MERSST21	AERSDR21	AERSST21	
	(12)	MERSDR22	MERSST22	AERSDR22	AERSST22		MERSDR23	MERSST23	AERSDR23	AERSST23	
	(13)	MERSDR24	MERSST24	AERSDR24	AERSST24		MERSDR25	MERSST25	AERSDR25	AERSST25	
	(14)	MERSDR26	MERSST26	AERSDR26	AERSST26		MERSDR27	MERSST27	AERSDR27	AERSST27	
	(15)	MERSDR28	MERSST28	AERSDR28	AERSST28		MERSDR29	MERSST29	AERSDR29	AERSST29	
	(16)	MERSDR30	MERSST30	AERSDR30	AERSST30		MERSDR31	MERSST31	AERSDR31	AERSST31	
	(17)	MERSDR32	MERSST32	AERSDR32	AERSST32		MERSDR33	MERSST33	AERSDR33	AERSST33	
	(18)	MERSDR34	MERSST34	AERSDR34	AERSST34		MERSDR35	MERSST35	AERSDR35	AERSST35	
	(19)	MERSDR36	MERSST36	AERSDR36	AERSST36		MERSDR37	MERSST37	AERSDR37	AERSST37	
	(20)	MERSDR38	MERSST38	AERSDR38	AERSST38		MERSDR39	MERSST39	AERSDR39	AERSST39	
	(21)	MERSDR40	MERSST40	AERSDR40	AERSST40		MERSDR41	MERSST41	AERSDR41	AERSST41	
	(22)	MERSDR42	MERSST42	AERSDR42	AERSST42		MERSDR43	MERSST43	AERSDR43	AERSST43	
	(23)	MERSDR44	MERSST44	AERSDR44	AERSST44		MERSDR45	MERSST45	AERSDR45	AERSST45	
	(24)	MERSDR46	MERSST46	AERSDR46	AERSST46		MERSDR47	MERSST47	AERSDR47	AERSST47	
	(25)										

TABLE C (Contd)

D SCHEDULE

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
CYCLE COUNT	(1)	DTIME1									
TRUNK	(2)	CACPC1	CACIPC1	CACUSG1	CADPC1	CADIPC1	CADUSG1	CAMPC1	CAMIPC1	CAMUSG1	
MEASUREMENTS	(3)										
	(4)										
	(5)										
	(6)	ASSBPC1	ASSBIPC	ASSBUSG1							
	(7)										
	(8)										
	(9)										
	(10)	TSAPC1	TSAIPC1	TSAUSG1							
	(11)	TUAPC1	TUAIPC1	TUAUSG1							
	(12)	SCACPC1	SCACIPC1	SCACUSG1							
	(13)	CANCPC1	CANCIPC1	CANCUSG1							
	(14)	DCPC1	DCIPC1	DCUSG1							
	(15)										
STORAGE	(16)	CACMERS1	CACMDUR1	CACMST1	CACAERS1	CACADUR1	CACAST1				
	(17)	CADMERS1	CADMDUR1	CADMST1	CADAERS1	CADADUR1	CADAST1				
	(18)	CAMMERS1	CAMMDUR1	CAMMST1	CAMAERS1	CAMADUR1	CAMAST1				
	(19)										
	(20)										
	(21)										
	(22)										
	(23)										
	(24)										
	(25)										

TABLE C (Contd)

D SCHEDULE

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	(1)	ASSBERS1	ASSBDUR1	ASSBST1							
	(2)										
	(3)										
	(4)										
	(5)	TSAMERS1	TSAMDUR1	TSAMST1							
	(6)	TUAMERS1	TUAMDUR1	TUAMST1							
	(7)										
	(8)										
	(9)										
	(10)										
	(11)										
	(12)										
	(13)										
	(14)										
USAGE	(15)	CACACT1	CACINM1	CACIM1	CACPLYB1	CACDACT1	CADACT1	CADINM1	CADIM1	CADPLYB1	CADDACT1
	(16)	CAMACT	CAMINM	CAMIM	CAMPLYB	CAMDACT					
	(17)										
	(18)										
	(19)										
	(20)	ASSBACT1	ASSBI1	ASSBDAC1							
	(21)										
	(22)										
	(23)										
	(24)	TSAAI1	TSASI1	TSAAD1	TSASD1	TSAMDD1	TSASC1				
	(25)	TUAAI1	TUASI1	TUAAD1	TUASD1	TUAMDD1	TUASC1				

TABLE C (Contd)

D SCHEDULE

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
CYCLE COUNT	(1)	DTIME2									
TRUNK	(2)	CACPC2	CACIPC2	CACUSG2	CADPC2	CADIPC2	CADUSG2	CAMPC2	CAMIPC2	CAMUSG2	
MEASUREMENTS	(3)										
	(4)										
	(5)										
	(6)	ASSBPC2	ASSBIPC2	ASSBUSG2							
	(7)										
	(8)										
	(9)										
	(10)	TSAPC2	TSAIPC2	TSAUSG2							
	(11)	TUAPC2	TUAIPC2	TUAUSG2							
	(12)	SCACPC2	SCACIPC2	SCACUSG2							
	(13)	CANCPC2	CANCIPC2	CANCUSG2							
	(14)	DCPC2	DCIPC2	DCUSG2							
	(15)										
STORAGE	(16)	CACMERS2	CACMDUR2	CACMST2	CACAERS2	CACADUR2	CACAST2				
	(17)	CADMERS2	CADMDUR2	CADMST2	CADAERS2	CADADUR2	CADAST2				
	(18)	CAMMERS2	CAMMDUR2	CAMMST2	CAMAERS2	CAMADUR2	CAMAST2				
	(19)										
	(20)										
	(21)										
	(22)										
	(23)										
	(24)										
	(25)										

TABLE C (Contd)

D SCHEDULE

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	(1)	ASSBERS2	ASSBDUR2	ASSBST2							
	(2)										
	(3)										
	(4)										
	(5)	TSAMERS2	TSAMDUR2	TSAMST2							
	(6)	TUAMERS2	TUAMDUR2	TUAMST2							
	(7)										
	(8)										
	(9)										
	(10)										
	(11)										
	(12)										
	(13)										
	(14)										
USAGE	(15)	CACACT2	CACINM2	CACIM2	CACPLYB2	CACDACT2	CADACT2	CADINM2	CADIM2	CADPLYB2	CADDACT2
	(16)	CAMACT2	CAMINM2	CAMIM2	CAMPLYB2	CAMDACT2					
	(17)										
	(18)										
	(19)										
	(20)	ASSBACT2	ASSBI2	ASSBDAC2							
	(21)										
	(22)										
	(23)										
	(24)	TSAAI2	TSASI2	TSAAD2	TSASD2	TSAMDD2	TSASC2				
	(25)	TUAAI2	TUASI2	TUAAD2	TUASD2	TUAMDD2	TUASC2				

TABLE C (Contd)

D SCHEDULE

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
CYCLE COUNT	(1)	DTIME3									
TRUNK	(2)	CACPC3	CACIPC3	CACUSG3	CADPC3	CADIPC3	CADUSG3	CAMPC3	CAMIPC3	CAMUSG3	
MEASUREMENTS	(3)										
	(4)										
	(5)										
	(6)	ASSBPC3	ASSBIPC3	ASSBUSG3							
	(7)										
	(8)										
	(9)										
	(10)	TSAPC3	TSAIPC3	TSAUSG3							
	(11)	TUAPC3	TUAIPC3	TUAUSG3							
	(12)	SC3ACPC	SCACIPC3	SCACUSG3							
	(13)	CANCPC3	CANCIPC3	CANCUSG3							
	(14)	DCPC3	DCIPC3	DCUSG3							
	(15)										
STORAGE	(16)	CACMERS3	CACMDUR3	CACMST	CACAERS3	CACADUR3	CACAST3				
	(17)	CADMERS3	CADMDUR3	CADMST3	CADAERS3	CADADUR3	CADAST3				
	(18)	CAMMERS3	CAMMDUR3	CAMMST3	CAMAERS3	CAMADUR3	CAMAST3				
	(19)										
	(20)										
	(21)										
	(22)										
	(23)										
	(24)										
	(25)										

TABLE C (Contd)

D SCHEDULE

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	(1)	ASSBERS3	ASSBDUR3	ASSBST3							
	(2)										
	(3)										
	(4)										
	(5)	TSAMERS3	TSAMDUR3	TSAMST3							
	(6)	TUAMERS3	TUAMDUR3	TUAMST3							
	(7)										
	(8)										
	(9)										
	(10)										
	(11)										
	(12)										
	(13)										
	(14)										
USAGE	(15)	CACACT3	CACINM3	CACIM3	CACPLYB3	CACDACT3	CADACT3	CADINM3	CADIM3	CADPLYB3	CADDACT3
	(16)	CAMACT3	CAMINM3	CAMIM3	CAMPLYB3	CAMDACT3					
	(17)										
	(18)										
	(19)										
	(20)	ASSBACT3	ASSBI3	ASSBDAC3							
	(21)										
	(22)										
	(23)										
	(24)	TSAAI3	TSASI3	TSAAD3	TSASD3	TSAMDD3	TSASC3				
	(25)	TUAAI3	TUASI3	TUAAD3	TUASD3	TUAMDD3	TUASC3				

TABLE C (Contd)

D SCHEDULE

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
CYCLE COUNT	(1)	DTIME4									
TRUNK	(2)	CACPC4	CACIPC4	CACUSG4	CADPC4	CADIPC4	CADUSG4	CAMPC4	CAMIPC4	CAMUSG4	
MEASUREMENTS	(3)										
	(4)										
	(5)										
	(6)	ASSBPC4	ASSBIPC4	ASSBUSG4							
	(7)										
	(8)										
	(9)										
	(10)	TSAPC4	TSAIPC4	TSAUSG4							
	(11)	TUAPC4	TUAIPC4	TUAUSG4							
	(12)	SCACPC4	SCACIPC4	SCACUSG4							
	(13)	CANCPC4	CANCIPC4	CANCUSG4							
	(14)	DCPC4	DCIPC4	DCUSG4							
	(15)										
STORAGE	(16)	CACMERS4	CACMDUR4	CACMST4	CACAERS4	CACADUR4	CACAST4				
	(17)	CADMERS4	CADMDUR4	CADMST4	CADAERS4	CADADUR4	CADAST4				
	(18)	CAMMERS4	CAMMDUR4	CAMMST4	CAMAERS4	CAMADUR4	CAMAST4				
	(19)										
	(20)										
	(21)										
	(22)										
	(23)										
	(24)										
	(25)										

TABLE C (Contd)

D SCHEDULE

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	(1)	ASSBERS4	ASSBDUR4	ASSBST4							
	(2)										
	(3)										
	(4)										
	(5)	TSAMERS4	TSAMDUR4	TSAMST4							
	(6)	TUAMERS	TUAMDUR	TUAMST							
	(7)										
	(8)										
	(9)										
	(10)										
	(11)										
	(12)										
	(13)										
	(14)										
USAGE	(15)	CACACT4	CACINM4	CACIM4	CACPLYB4	CACDACT4	CADACT4	CADINM4	CADIM4	CADPLYB4	CADDACT4
	(16)	CAM4ACT4	CAMINM	CAMIM4	CAMPLYB4	CAMDACT4					
	(17)										
	(18)										
	(19)										
	(20)	ASSBACT4	ASSBI4	ASSBDAC4							
	(21)										
	(22)										
	(23)										
	(24)	TSAAI4	TSASI4	TSAAD4	TSASD4	TSAMDD4	TSASC4				
	(25)	TUAAI4	TUASI4	TUAAD4	TUASD4	TUAMDD4	TUASC4				

TABLE D

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
AERSDRnn (where nn=0,47)	D	D1502, D1507 D1512, D1517 D1522,...	10 Hrs	Total length (in duration) of of announcements erased during a 30-minute period.	Indication of how long announcement was stored out on disk for system use.
AERSLEN	H, D	H153 D1403	10 Tracks	Total length of announcements erased during period.	
AERSPC	H, D	H152 D1402	10 Erasures	Total number of announcements erased during period.	
AERSSTnn (where nn=0,47)	D	D1503, D1508 D1513,... D1533	100 Track Hrs	Total storage time of announcements erased during a 30-minute period.	Storage time is the length of the announcement multiplied by the duration it was stored.
ANSUPC	H, D	H213 D1463	10 Calls	Total number of calls that returned Answer Supervision.	
ANSUPTIM	H,D	H214 D1464	100 Sec	Total time for Calls, from seizure to Answer Supervision.	
ASSBACT	D	D440	Peg Count	The number of Activations for Announcements Service Prototype - Small Business.	
ASSBACTn (where n=1-4)	D	1-D2190 2-D2690 3-D3190 4-D3690	Peg Count	The number of Activations for Announcement Service Prototype-Small Business for specified periods of the day.	There are four such periods in a day, each an hour in length.
ASSBDAC	D	D442	Peg Count	The number of Deactivations for Announcement Service Prototype - Small Business.	

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
ASSBDACn (where n=1-4)	D	1-D2192 2-D2692 3-D3192 4-D3692	Peg Count	The number of Deactivations for Announcement Service Prototype - Small Business for specified periods of the day.	There are four such periods in a day, each an hour in length.
ASSBDUR	D	D251	10 Hrs	Total length (in duration) of announcements erased during period for Announcement Service Prototype - Small Business.	Indication of how long announcement was stored on disk for system used.
ASSBDURn (where n=1-4)	D	1-D2001 2-D2501 3-D3001 4-D3501	10 Hrs	Total length (in duration) of announcements erased during period for Announcement Service Prototype - Small Business for specified periods of the day, each an hour in length.	Indication of how long announcement was stored on disk for system use. There are four such periods in a day.
ASSBERS	D	D250	Peg Count	Total number of announcements erased during period for Announcement Service Prototype - Small Business.	
ASSBERSn (where n=1-4)	D	1-D2000 2-D2500 3-D3000 4-D3500	Peg Count	Total number of announcements erased during period for Announcement Service Prototype - Small Business for specified periods of the day.	There are four such periods in a day, each an hour in length.
ASSBI	D	D441	Peg Count	The number of Intercepts for Announcement Service Prototype - Small Business.	

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
ASSBIn (where n=1-4)	D	1-D2191 2-D2691 3-D3191 4-D3691	Peg Count	The number of Intercepts for Announcement Service Prototype - Small Business for specified periods of the day.	There are four such periods in a day, each an hour in length.
ASSBIPC	D	D051	10 Calls	Incoming Peg Count for Announcement Service Prototype Small Business.	
ASSBIPCn (where n=1-4)	D	1-D1801 2-D2301 3-D2801 4-D3301	10 Calls	Incoming Peg Count for Announcement Service Prototype - Small Business for specified periods of the day.	There are four such periods in a day, each an hour in length.
ASSBPC	D	D050	10 Calls	Outgoing Peg Count for Announcement Service Prototype-Small Business.	
ASSBPCn (where n=1-4)	D	1-D1800 2-D2300 3-D2800 4-D3300	10 Calls	Outgoing Peg Count for Announcement Service Prototype - Small Business for specified periods of the day.	There are four such periods in a day, each an hour in length.
ASSBST	D	D252	100 Track Hrs	Total storage time of announcements erased during period for Announcement Service Prototype Small Business.	Storage time is length of announcement multiplied by the duration it was stored.
ASSBSTn (where n=1-4)	D	1-D2002 2-D2502 3-D3002 4-D3502	100 Tracks Hrs	Total storage time of announcements erased during period for Announcement Service Prototype - Small Business for specified periods of the day.	Storage time is length of announcements multiplied by the duration it was stored. There are four such periods in a day, each an hour in length.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
ASSBUSG	D	D052	100 Sec	Trunk Usage for Announcement Service Prototype - Small Business "Billable Usage."	"Billable Usage" is defined as the time period from Answer Supervision to signaling of disconnect.
ASSBUSGn (where n=1-4)	D	1-D1802 2-D2502 3-D2802 4-D3302	100 Sec	Trunk Usage for Announcement Service Prototype - Small Business for specified periods of the day "Billable Usage."	"Billable Usage" is defined as the time period from Answer Supervision to signaling of disconnect. There are four such periods in a day, each an hour in length.
CABNPC	H, D	H211 D1461	1 Call	Total number of voice and data calls terminated abnormally during the measurement period.	A call is defined to terminate abnormally if the VSS machine, due to either a hardware or software error, causes the call to be terminated before successful completion.
CACACT	D	D390	Peg Count	Total number of Activations for Calling Answering Prototype - Casual.	
CACACTn (where n=1-4)	D	1-D2140 2-D2640 3-D3140 4-D3640	Peg Count	Total number of Activations for Call Answering Prototype - Casual for specified periods of the day.	There are four such periods in a day, each an hour in length.
CACADUR	D	D154	10 Hrs	Total length (in duration) of announcements erased during period for Call Answering Prototype - Casual.	Indication of how long announcement was stored on disk for system use.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
CACADURn (where n=1-4)	D	1-D1904 2-D2404 3-D2904 4-D3404	10 Hrs	Total length (in duration) of announcement erased during period for Call Answering Prototype - Casual for specified periods in the day.	Indication of how long announcement was stored on disk for system use. There are four such periods in a day, each an hour in length.
CACAERS	D	D153	Peg Count	Total number of announcements erased during period for Call Answering Prototype - Casual.	
CACAERSn (where n=1-4)	D	1-D1903 2-D2403 3-D2903 4-D3403	Peg Count	Total number of announcements erased during period for Call Answering Prototype - Casual for specified periods of the day.	There are four such periods in a day, each an hour in length.
CACAST	D	D155	100 Track Hrs	Total storage time of announcements erased during period for Call Answering Prototype - Casual.	Storage time is length of announcement multiplied by the duration it was stored.
CACASTn (where n=1-4)	D	1-D1905 2-D2405 3-D2905 4-D3405	100 Track Hrs	Total storage time of announcements erased during period for Call Answering Prototype - Casual for specified periods in the day.	Storage time is length of announcement multiplied by the duration it was stored. There are four such periods in a day, each an hour in length.
CACDACT	D	D394	Peg Count	Total number of Deactivations for Call Answering Prototype - Casual.	

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
CACDACTn (where n=1-4)	D	1-D2144 2-D2644 3-D3144 4-D3644	Peg Count	Total number of Deactivations for Call Answering Prototype - Casual for specified periods of the day.	There are four such periods in a day, each an hour in length.
CACIM	D	D392	Peg Count	Total number of Intercepts with message left for Call Answering Prototype - Casual.	
CACIMn (where n=1-4)	D	1-D2142 2-D2642 3-D3142 4-D3642	Peg Count	Total number of Intercepts with message left for Call Answering Prototype - Casual for specified periods of the day.	There are four such periods in a day, each an hour in length.
CACINM	D	D391	Peg Count	Total number of Intercepts with no message left for Call Answering Prototype - Casual.	
CACINMn (where n=1-4)	D	1-D2141 2-D2641 3-D3141 4-D3641	Peg Count	Total number of Intercepts with no message left for Call Answering Prototype - Casual for specified periods of the day.	There are four such periods in the day, each an hour in length.
CACIPC	D	D011	10 Calls	Incoming Peg Count for Call Answering Prototype - Casual.	
CACIPCn (where n=1-4)	D	1-D1761 2-D2261 3-D2761 4-D3261	10 Calls	Incoming Peg Count for Call Answering Prototype - Casual for specified periods of the day.	There are four such periods in a day, each an hour in length.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
CACMDUR	D	D151	10 Hrs	Total length (in duration) of messages erased during period for Call Answering Prototype - Casual.	Indication of how long message was stored on disk for system use.
CACMDURn (where n=1-4)	D	1-D1901 2-D2401 3-D2901 4-D3401	10 Hrs	Total length (in duration) of messages erased during period for Call Answering Prototype - Casual for specified periods of the day.	Indication of how long messages were stored on disk for system use. There are four such periods in a day, each an hour in length.
CACMERS	D	D150	Peg Count	Total number of messages erased during period for Call Answering Prototype - Casual.	
CACMERSn (where n=1-4)	D	1-D1900 2-D2400 3-D2900 4-D3400	Peg Count	Total number of messages erased during period for Call Answering Prototype - Casual for specified periods of the day.	There are four such periods in a day, each an hour in length.
CACMST	D	D152	100 Track Hrs	Total storage time of message erased during period for Call Answering Prototype - Casual.	Storage time is length of message multiplied by the duration it was stored.
CACMSTn (where n=1-4)	D	1-D1902 2-D2402 3-D2902 4-D3402	100 Track Hrs	Total storage time of messages erased during period for Call Answering Prototype - Casual for specified periods of the day.	Storage time is length of message multiplied by the duration it was stored. There are four such periods in a day, each an hour in length.
CACPC	D	D010	10 Calls	Outgoing Peg Count for Call Answering Prototype - Casual.	

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
CACPCn (where n=1-4)	D	1-D1760 2-D2260 3-D2760 4-D3260	10 Calls	Outgoing Peg Count for Call Answering Prototype - Casual for specified periods of the day.	There are four such periods in the day, each an hour in length.
CACPLYB	D	D393	Peg Count	Total number of Playbacks for Call Answering Prototype - Casual.	
CACPLYBn (where n=1-4)	D	1-D2143 2-D2643 3-D3143 4-D3643	Peg Count	Total number of Playbacks for Call Answering Prototype - Casual for specified periods of the day.	There are four such periods in the day, each an hour in length.
CACUSG	D	D012	100 Sec	Total Trunk Usage for Call Answering Prototype - Casual "Billable Usage."	"Billable Usage" is defined as the period of time from Answer Supervision to signaling of disconnect.
CACUSGn (where n=1-4)	D	1-D1762 2-D2262 3-D2762 4-D3262	100 Sec	Total Trunk Usage for Call Answering Prototype - Casual for specified periods of the day. "Billable Usage"	"Billable Usage" is defined as the period of time from Answer Supervision to signaling of disconnect. There are four such periods in the day, each an hour in length.
CADACT	D	D395	Peg Count	Total number of Activations for Call Answering Prototype - Deluxe Monthly.	
CADACTn (where n=1-4)	D	1-D2145 2-D2645 3-D3145 4-D3645	Peg Count	Total number of Activations for Call Answering Prototype - Deluxe Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
CADADUR	D	D164	10 Hrs	Total length (in duration) of annoucements erased during period for Call Answering Prototype - Deluxe Monthly.	
CADADURn (where n=1-4)	D	1-D1914 2-D2414 3-D2914 4-D3414	10 Hrs	Total length (in duration) of announcements erased during period for Call Answering Prototype - Deluxe Monthly for specified periods of the day.	Indication of how long announcement was stored on disk for system use. There are four such periods in the day, each an hour in length.
CADAERS	D	D163	Peg Count	Total number of announcements erased during period for Call Answering Prototype - Deluxe Monthly.	
CADAERSn (where n=1-4)	D	1-D1913 2-D2413 3-D2913 4-D3413	Peg Count	Total number of announcements erased during period for Call Answering Prototype - Deluxe Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.
CADAST	D	D165	100 Track Hrs	Total storage time of announcements erased during period for Call Answering Prototype Deluxe Monthly.	Storage time is length of announcements multiplied by the duration it was stored.
CADASTn (where n=1-4)	D	1-D1915 2-D2415 3-D2915 4-D3415	100 Track Hrs	Total storage time of announcements erased during period for Call Answering Prototype - Deluxe Monthly for specified periods of the day.	Storage time is length of announcements multiplied by the duration it was stored. There are four such periods in the day, each an hour in length.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
CADDACT	D	D399	Peg Count	Total number of Deactivations for Call Answering Prototype - Deluxe Monthly.	
CADDACTn (where n=1-4)	D	1-D2149 2-D2649 3-D3149 4-D3649	Peg Count	Total number of Deactivations for Call Answering Prototype - Deluxe Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.
CADIM	D	D397	Peg Count	Total number of Intercepts with message left for Call Answering Prototype - Deluxe Monthly.	
CADIMn (where n=1-4)	D	1-D2147 2-D2647 3-D3147 4-D3647	Peg Count	Total number of Intercepts with message left for Call Answering Prototype - Deluxe Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.
CADINM	D	D396	Peg Count	Total number of Intercepts with no message left for Call Answering Prototype - Deluxe Monthly.	
CADINMn (where n=1-4)	D	1-D2146 2-D2646 3-D3146 4-D3646	Peg Count	Total number of Intercepts with no message left for Call Answering Prototype - Deluxe Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.
CADIPC	D	D014	10 Calls	Incoming Peg Count for Call Answering Prototype - Deluxe Monthly.	

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
CADIPCn (where n=1-4)	D	1-D1764 2-D2264 3-D2764 4-D3264	10 Calls	Incoming Peg Count for Call Answering Prototype - Deluxe Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.
CADMDUR	D	D161	10 Hrs	Total length (in duration) of messages erased during period for Call Answering Prototype - Deluxe Monthly.	Indication of how long message was stored on disk for system use.
CADMDURn (where n=1-4)	D	1-D1911 2-D2411 3-D2911 4-D3411	10 Hrs	Total length (in duration) of messages erased during period for Call Answering Prototype - Deluxe Monthly for specified periods of the day.	Indication of how long message was stored on disk for system use. There are four periods in the day, each an hour in length.
CADMERS	D	D160	Peg Count	Total number of messages erased for Call Answering Prototype - Deluxe Monthly.	
CADMERSn (where n=1-4)	D	1-D1910 2-D2410 3-D2910 4-D3410	Peg Count	Total number of messages erased for Call Answering Prototype - Deluxe Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.
CADMST	D	D162	100 Track Hrs	Total storage time of messages erased during period for Call Answering Prototype - Deluxe Monthly.	Storage time is length of message multiplied by the duration it was stored.
CADMSTn (where n=1-4)	D	1-D1912 2-D2412 3-D2912 4-D3412	100 Track Hrs	Total storage time of messages erased during period for Call Answering Prototype - Deluxe Monthly for specified periods of the day.	Storage time is length of message multiplied by the duration it was stored. There are four such periods in the day, each an hour in length.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
CADPC	D	D013	10 Calls	Outgoing Peg Count for Call Answering Prototype - Deluxe Monthly.	
CADPCn (where n=1-4)	D	1-D1763 2-D2263 3-D2763 4-D3263	10 Calls	Outgoing Peg Count for Call Answering Prototype - Deluxe Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.
CADPLYB	D	D398	Peg Count	Total number of Playbacks for Call Answering Prototype - Deluxe Monthly.	
CADPLYBn (where n=1-4)	D	1-D2148 2-D2648 3-D3148 4-D3648	Peg Count	Total number of Playbacks for Call Answering Prototype - Deluxe Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.
CADUSG	D	D015	100 Sec	Total Trunk Usage for Call Answering Prototype - Deluxe Monthly "Billable Usage."	"Billable Usage" is defined as the period of time from Answer Supervision to signaling of disconnect.
CADUSGn (where n=1-4)	D	1-D1765 2-D2265 3-D2765 4-D3265	100 Sec	Total Trunk Usage for Call Answering Prototype - Deluxe Monthly for specified periods of the day "Billable Usage."	"Billable Usage" is defined as the period of time from Answer Supervision to signaling of disconnect. There are four such periods in the day, each an hour in length.
CAMACT	D	D400	Peg Count	Total number of activations for Call Answering Prototype - Monthly.	
CAMACTn (where n=1-4)	D	1-D2150 2-D2650 3-D3150 4-D3650	Peg Count	Total number of activations for Call Answering Prototype - Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
CAMADUR	D	D174	10 Hrs	Total length (in duration) of announcements erased during period for Call Answering Prototype - Monthly.	Indication of how long announcement was stored out on disk for system use.
CAMADURn (where n=1-4)	D	1-D1924 2-D2424 3-D2924 4-D3424	10 Hrs	Total length (in duration) of announcements erased during period for Call Answering Prototype - Monthly for specified periods of the day.	Indication of how long announcement was stored out on disk for system use. There are four such periods in the day, each an hour in length.
CAMAERS	D	D173	Peg Count	Total number of announcements erased during period for Call Answering Prototype - Monthly.	
CAMAERSn (where n=1-4)	D	1-D1923 2-D2423 3-D2923 4-D3423	Peg Count	Total number of announcements erased during period for Call Answering Prototype - Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.
CAMAST	D	D175	100 Track Hrs	Total storage time of announcements erased during period for Call Answering Prototype - Monthly.	Storage time is the length of the announcement multiplied by the duration it was stored.
CAMASTn (where n=1-4)	D	1-D1925 2-D2425 3-D2925 4-D3425	100 Track Hrs	Total storage time of announcements erased during period for Call Answering Prototype - Monthly for specified periods of the day.	Storage time is the length of the announcement multiplied by the duration it was stored. There are four such periods in the day, each an hour in length.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
CAMDACT	D	D404	Peg Count	Total number of Deactivations for Call Answering Prototype - Monthly.	
CAMDACTn (where n=1-4)	D	1-D2154 2-D2654 3-D3154 4-D3654	Peg Count	Total number of Deactivations for Call Answering Prototype - Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.
CAMIM	D	D402	Peg Count	Total number of Intercepts with message left for Call Answering Prototype - Monthly.	
CAMIMn (where n=1-4)	D	1-D2152 2-D2652 3-D3152 4-D3652	Peg Count	Total number of Intercepts with message left for Call Answering Prototype - Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.
CAMINM	D	D401	Peg Count	Total number of Intercepts with no message left for Call Answering Prototype - Monthly.	
CAMINMn (where n=1-4)	D	1-D2151 2-D2651 3-D3151 4-D3651	Peg Count	Total number of Intercepts with no message left for Call Answering Prototype - Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.
CAMIPC	D	D017	10 Calls	Incoming Peg Count for Call Answering Prototype - Monthly.	

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
CAMIPCn (where n=1-4)	D	1-D1767 2-D2267 3-D2767 4-D3267	10 Calls	Incoming Peg Count for Call Answering Prototype - Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.
CAMMDUR	D	D171	10 Hrs	Total length (in duration) of messages erased during period for Call Answering Prototype - Monthly.	Indication of how long messages are stored out on disk for system use.
CAMMDURn (where n=1-4)	D	1-D1921 2-D2421 3-D2921 4-D3421	10 Hrs	Total length (in duration) of messages erased during period for Call Answering Prototype - Monthly for specified periods of the day.	Indication of how long messages are stored out on disk for system use. There are four such periods in the day, each an hour in length.
CAMMERS	D	D170	Peg Count	Total number of messages erased during period for Call Answering Prototype - Monthly.	
CAMMERSn (where n=1-4)	D	1-D1920 2-D2420 3-D2920 4-D3420	Peg Count	Total number of messages erased during period for Call Answering Prototype - Monthly for specified periods of the day.	There ae four such periods in the day, each an hour in length.
CAMMST	D	D172	100 Track Hrs	Total storage time of messages erased during period for Call Answer Prototype - Monthly.	Storage time is the length of the message multiplied by the duration it was stored.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
CAMMSTn (where n=1-4)	D	1-D1942 2-D2422 3-D2922 4-D3422	100 Track Hrs	Total storage time of messages erased during period for Call Answer Prototype - Monthly for specified periods of the day	Storage time is the length of the message multiplied by the duration it was stored. There are four such periods in the day, each an hour in length.
CAMPC	D	D016	10 Calls	Outgoing Peg Count for Call Answering Prototype - Monthly.	
CAMPCn (where n=1-4)	D	1-D1766 2-D2266 3-D2766 4-D3266	10 Calls	Outgoing Peg Count for Call Answering Prototype - Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.
CAMPLYB	D	D403	Peg Count	Total number of playbacks for Call Answering Prototype - Monthly.	
CAMPLYBn (where n=1-4)	D	1-D2153 2-D2653 3-D3153 4-D3653	Peg Count	Total number of playbacks for Call Answering Prototype - Monthly for specified periods of the day.	There are four such periods in the day, each an hour in length.
CAMUSG	D	D018	100 Sec	Total trunk usage for Call Answering Prototype - Monthly. "Billable Usage"	"Billable Usage" is defined as the period of time from Answer Supervision to signaling disconnect.
CAMUSGn (where n=1-4)	D	1-D1768 2-D2268 3-D2768 4-D3268	100 Sec	Total trunk usage for Call Answering Prototype - Monthly for specified periods of the day. "Billable Usage"	"Billable Usage" is defined as the period of time from Answer Supervision to signaling disconnect. There are four such periods in the day, each an hour in length.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
CANCIPC	D	D121	10 Calls	Incoming Peg Count for Cancellation Advance Calling.	
CANCIPCn (where n=1-4)	D	1-D1871 2-D2371 3-D2871 4-D3871	10 Calls	Incoming Peg Count for Cancellation Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
CANCPC	D	D120	10 Calls	Outgoing Peg Count for Cancellation Advance Calling.	
CANCPCn (where n=1-4)	D	1-D1870 2-D2370 3-D2870 4-D3370	10 Calls	Outgoing Peg Count for Cancellation Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
CANCUSG	D	D122	100 Sec	Total trunk usage for Cancellation Advance Calling. "Billable Usage"	"Billable Usage" is defined as the period of time from Answer Supervision to signaling of disconnect.
CANCUSG (where n=1-4)	D	1-D1872 2-D2372 3-D2872 4-D3372	100 Sec	Total trunk usage for Cancellation Advance Calling for specified periods of the day. "Billable Usage"	"Billable Usage" is defined as the period of time from Answer Supervision to signaling of disconnect. There are four such periods in the day, each an hour in length.
CCNBUSG	H, D	H220 D1470	10 Sec	Total amount of time the central control has been in the normal busy state during the measurement period.	"5-second scan"

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
CCOVLPC	H, D	H221 D1471	Peg Count	Total count of the number of times the central control has been in the overload state during the measurement period.	
CCOVLT	H, D	H222 D1472	10 Sec	Total amount of time central control has been in the overload state during the measurement period.	"5-second scan"
CCQPC	H,D	H223 D1473	Peg Count	Count of the number of samples taken of the queue used in the detection of overload.	
CCQLEN	H,D	H224 D1474	Peg Count	Total queue length (quantity of signals) for all samples taken in a 30-minute period for detection of overload.	CCQLEN divided by CCQPC will provide an indication of the average load on the system during the 30-minute measurement periods.
CCYCLE	C, D, H	C0000 H250 D500	100 Sec	Indication of time period measurements were taken in (sampling interval for C Schedule).	
CNPC	H, D	H210 D1460	10 Calls	Total number of voice and data calls terminated normally during measurement period.	A call is defined to terminate normally if it proceeds in a normal fashion to a successful completion. VSS machine does not cause the call to fail.
DCIPC	D	D131	10 Calls	Incoming Peg Count for Data Calls.	A data call is defined as any call between No. 1 ESS and VSS in which the only intent is to send MF information.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
DCIPCn (where n=1-4)	D	1-D1881 2-D2381 3-D2881 4-D3381	10 Calls	Incoming Peg Count for Data Calls for specified periods of the day.	A data call is defined as any call between No. 1 ESS and VSS in which the only intent is to send MF information. There are four such periods in the day, each an hour in length.
DCPC	D	D130	10 Calls	Outgoing Peg Count for Data Calls.	A data call is defined as any call between No.1 ESS and VSS in which the only intent is to send MF information.
DCPCn (where n=1-4)	D	1-D1880 2-D2380 3-D2880 4-D3380	10 Calls	Outgoing Peg Count for Data Calls for specified periods of the day.	A data call is defined as any call between No.1 ESS and VSS in which the only intent is to send MF information. There are four such periods in the day, each an hour in length.
DCUSG	D	D132	100 Sec	Total Trunk Usage for Data Calls. "Billable Usage"	A data call is defined as any call between the No.1 ESS and VSS in which the only intent is to send MF information. "Billable Usage" is defined as the period of time from Answer Supervision to signaling of disconnect.
DCUSGn (where n=1-4)	D	1-D1882 2-D2382 3-D2882 4-D3382	100 Sec	Total Trunk Usage for Data Calls for specified periods of the day. "Billable Usage"	A data call is defined as any call between the No.1 ESS and VSS in which the only intent is to send MF information. "Billable Usage" is defined as the period of time from Answer Supervsion to signaling of disconnect. There are four such periods in the day, each an hour in length.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
DCYCLE	D	D0000	100 Sec	Indication of time period measurements were taken in (sampling interval for D Schedule).	
DELAYPC	H, D	H212 D1462	Peg Count	Peg count of the number of calls that were over the 3-Sec. time period from seizure to wink.	
DTIMEn (where n=1-4)	D	1-D1750 2-D2250 3-D2750 4-D3250	½ Hour indications 0-47	Beginning time of specific time period for D Schedule in ½ hour increments.	There are four such periods in the day, each an hour in length.
DUPOVR	D	D1322	Peg Count	Peg count of elapsed time until message was duplicated from entry into request queue for a time of over 60 minutes.	
DUP30	D	D1320	Peg Count	Peg Count of elapsed time until message was duplicated from entry into request queue for a time of less than 30 minutes.	
DUP60	D	D1321	Peg Count	Peg count of elapsed time until message was duplicated from entry into request queue for a time of less than 60 minutes, but greater than 30 minutes.	
HCYCLE	H, D	H0000 D1380	100 Sec	Indication of time period measurements were taken in (sampling interval for H Schedule).	

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
MAUNDUP	H, D	H230 D1480	Peg Count	The number of messages and announcements unduplicated at the end of the measurement period.	
MERSDRnn (where nn =0-47)	D	D1500,D1505, D1510... D1735	10 Hrs	Total length (in duration) of messages erased during a 30-minute measurement period.	Indication of how long message was stored out on disk for system use.
MERSLEN	H,D	H151 D1401	10 Tracks	Total length of messages erased during period.	
MERSPC	H, D	H150 D1400	10 Erasures	Total number of messages erased during period.	
MERSSTnn where (nn = 0-47)	D	D1501,D1506, D1511... D1736	100 Track Hrs	Total storage time of messages erased during a 30-minute measurement period.	Storage time is length of the message multiplied by the duration it was stored.
MFRMB	H, D	H163 D1413	10 Sec	Total Maintenance Usage for MF Receivers during measurement period.	"5-second scan"
MFROFL	H, D	H160 D1410	Peg Count	Overflow Peg Count for MF Receivers during measurement period.	
MFRPC	H,D	H161 D1411	10 Allocations	Peg Count for MF Receivers during measurement period.	
MFRUSG	H, D	H162 D1412	10 Sec	Total usage for MF Receivers during measurement period.	Includes maintenance usage. "5-second scan"
MFTMB	H,D	H173 D1423	10 Sec	Total Maintenance Usage for MF Transmitters during measurement period.	"5-second scan"
MFTOFL	H,D	H170 D1420	Peg Count	Overflow Peg Count for MF Transmitters during measurement period.	

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
MFTPC	H,D	H171 D1421	Peg Count	Peg Count for MF Transmitters during measurement period.	
MFTUSG	H,D	H172 D1422	10 Sec	Total usage for MF Transmitters during measurement period.	Includes maintenance usage "5-second scan"
PMMFAPC	H, D	H241 D1491	Peg Count	Peg Count of number of attempts to get main memory that failed due to lack of main memory.	
PMMNIU	H,D	H240 D1490	4K words (16 bits)	Total main storage not in use at the end of the measurement period.	
QCABNPC	H	H015 H018	Peg Count	Total voice and data calls terminated abnormally for the two 15-min. periods in the 30-min. measurement period.	A call is defined to terminate abnormally if the VSS machine due to either a hardware or software error causes the call to be terminated before successful completion.
QCCNBUSG	H	H020 H023	10 Sec	Total amount of time the central control has been in the normal busy state during the two 15-min. periods in the 30-min. measurement period.	"5-second scan"
QCCOVLPC	H	H025 H028	Peg Count	Count of the number of times the central control has been in the overload state during the two 15-min. periods in the 30-min. measurement period.	

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
QCCOVLT	H	H030 H033	10 Sec	Total amount of time the central control has been in the overload state during the two 15-min. periods in the 30-min. measurement period.	"5-second scan"
QCNPC	H	H010 H013	10 Calls	Total voice and data calls terminated normally for the two 15-min. periods in the 30-min. measurement period.	A call is defined to terminate normally if it proceeds in a normal fashion to a successful completion. VSS machine does not cause the call to fail.
QMAUNDUP	H	H050 H053	Peg Count	Number of messages and announcements unduplicated at the end of the two 15-min. periods in the 30-min. measurement period.	
QMFROFL	H	H035 H038	Peg Count	Overflow Peg Count for MF Receivers during 15-min. periods in the 30-min. measurement period.	
QMFTOFL	H	H040 H043	Peg Count	Overflow Peg Count for MF Transmitters during the 15-min. periods in the 30-min. measurement period.	
QPMMFAPC	H	H060 H063	Peg Count	Peg count of number of attempts to get main memory that failed due to lack of main memory for the 15-min. periods in the 30-min. measurement period.	

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
QSTROVLT	H	H055 H058	10 Sec	Number of seconds the system has been in the storage overload state for the 15-min. periods in the 30-min. measurement period.	The system is in the storage overload state when there is no more room to accept customer voice for storage.
QVMCNAPC	H	H045 H048	Peg Count	Number of times that a voice or data sector could not be filed or retrieved because no VMC was available for the two 15-min. periods in the 30-min. measurement period.	
SCACIPC	D	D0111	10 Calls	Incoming Peg Count for Status Check Advance Calling.	
SCACIPCn (where n=1-4)	D	1-D1861 2-D2361 3-D2861 4-D3361	10 Calls	Incoming Peg Count for Status Check Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
SCACPC	D	D110	10 Calls	Outgoing Peg Count for Status Check Advance Calling.	
SCACPCn (where n=1-4)	D	1-D1860 2-D2360 3-D2860 4-D3360	10 Calls	Outgoing Peg Count for Status Check Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
SCACUSG	D	D112	100 Sec	Total Trunk Usage for Status Check Advance Calling "Billable Usage"	"Billable Usage" is defined as the period of time from Answer Supervision to signaling disconnect.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
SCACUSGn (where n=1-4)	D	1-D1862 2-D2362 3-D2862 4-D3362	100 Sec	Total Trunk Usage for Status Check Advance Calling for specified periods of the day "Billable Usage"	"Billable Usage" is defined as the period of time from Answer Supervision to signaling disconnect. There are four such periods in the day, each an hour in length.
STRMAVL	H, D	H142 D1392	100 Tracks	Minimum storage available during the measurement period.	
STROVLT	H, D	H231 D1481	10 Sec	Number of seconds the system has been in the storage overload state during the measurement period.	The system is in the storage overload state when there is no more room to accept customer voice for storage.
STRTPD	H, D	H141 D1391	100 Tracks	Total peak storage used for data during the measurement period.	
STRTPV	H, D	H140 D1390	100 Tracks	Total peak storage used for voice during the measurement period.	
TGDFnn (where nn= 00-31) trunk groups	D	D1002 D1012 D1022... D1312	Peg Count	Aborted Duplication attempts per trunk group.	
TGDPCnn (where nn= 00-31) trunk groups	D	D1000, D1010, D1020,... D1310	Peg Count	Peg Count per trunk group for duplication.	

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
TGDUSGnn (where nn= 00-31) trunk groups	D	D1001, D1011, D1021,... D1311	100 Sec	Total trunk group usage for duplication.	"50-second scan"
TGIPCnn (where nn= 00-31) trunk groups	C,H,D	C011,C021, C031...C323 H261, H271, H281...H571 D0511, D0521 D0531 D0821	Peg Count	Incoming Peg Count per trunk group for measurement period.	
TGMBnn (where nn= 00-31) trunk groups	C,H,D	C013,C023, C033...C323 H263, H273, H283...H573 D0513, D0523 D0533 D0823	100 Sec	Total Maintenance Usage per trunk group for the measurement period.	"50-second scan"
TGNCInn (where nn= 00-31) trunk groups	C,H,D	C015,C025, C035...C325 H265, H275, H285...H575 D0515, D0525 D0535 D0825	Peg Count	Peg Count of the number of trunks installed in trunk group for the measurement period.	
TGOFLnn (where nn= 00-31) trunk groups	C,H,D	C012,C022, C032...C322 H262, H272, H282...H572 D0512, D0522 D0532 D0822	Peg Count	Outgoing Overflow Peg Count per trunk group for the measurement period.	

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
TGPCnn (where nn= 00-31) trunk groups	C,H,D	C010,C020, C030...C320 H260, H270, H280...H570 D0510, D0520 D0530 D0820	Peg Count	Outgoing Peg Count per trunk group for the measurement period.	
TGUSGnn (where nn= 00-31) trunk groups	C,H,D	C014,C024, C034...C324 H264, H274, H284...H574 D0514, D0524 D0534... D0824	100 Sec	Total usage per trunk group for measurement period	"50-second scan"
TSAAD	D	D482	Peg Count	Total number of attempts to deliver for Time Specified Advance Calling.	
TSAADn (where n=1-4)	D	1-D2232 2-D2732 3-D3232 4-D3732	Peg Count	Total number of attempts to deliver for Time Specified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
TSAAI	D	D480	Peg Count	Total number of attempted inputs for Time Specified Advance Calling.	
TSAAIn (where n=1-4)	D	1-D2230 2-D2730 3-D3230 4-D3730	Peg Count	Total number of attempted inputs for Time Specified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
TSAIPC	D	D091	10 Calls	Incoming Peg Count for Time Specified Advance Calling.	

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
TSAIPCn (where n=1-4)	D	1-D1841 2-D2341 3-D2841 4-D3341	10 Calls	Incoming Peg Count for Time Specified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
TSAMDD	D	D484	Peg Count	Total number of messages deleted but not delivered for Time Specified Advance Calling.	
TSAMDDn (where n=1-4)	D	1-D2234 2-D2734 3-D3234 4-D3734	Peg Count	Total number of messages deleted but not delivered for Time Specified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
TSAMDUR	D	D291 4-D3541	10 Hrs	Total length (in duration) of messages erased during period for Time Specified Advance Calling.	Indication of how long message was stored on disk for system use.
TSAMDURn (where n=1-4)	D	1-D2041 2-D2541 3-D3041 4-D3541	10 Hrs	Total length (in duration) of messages erased during period for Time Specified Advance Calling for specified periods of the day.	Indication of how long message was stored on disk for system use. There are four such periods in the day, each an hour in length.
TSAMERS	D	D290	Peg Count	Total number of messages erased during period for Time Specified Advance Calling.	
TSAMERSn (where n=1-4)	D	1-D2040 2-D2540 3-D3040 4-D3540	Peg Count	Total number of messages erased during period for Time Specified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
TSAMST	D	D292	100 Track Hrs	Total storage time of messages erased during period for time specified Advance Calling.	Storage time is the length of the message multiplied by the duration it was stored.
TSAMSTn (where n=1-4)	D	1-D2042 2-D2542 3-D3042 4-D3542	100 Track Hrs	Total storage time of messages erased during period for time specified Advance Calling for specified periods of the day.	Storage time is the length of the message multiplied by the duration it was stored. There are four such periods in the day, each an hour in length.
TSAPC	D	D090	10 Calls	Outgoing Peg Count for Time Specified Advance Calling.	
TSAPCn (where n=1-4)	D	1-D1840 2-D2340 3-D2840 4-D3340	10 Calls	Outgoing Peg Count for Time Specified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
TSASC	D	D485	Peg Count	Total number of Status Checks for Time Specified Advance Calling.	
TSASCn (where n=1-4)	D	1-D2235 2-D2735 3-D3235 4-D3735	Peg Count	Total number of Status Checks for Time Specified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
TSASD	D	D483	Peg Count	Total number of successful deliveries for Time Specified Advance Calling.	
TSASDn (where n=1-4)	D	1-D2233 2-D2733 3-D3233 4-D3733	Peg Count	Total number of successful deliveries for Time Specified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
TSASI	D	D481	Peg Count	Total number of successful inputs for Time Specified Advance Calling.	
TSASIn (where n=1-4)	D	1-D2231 2-D2731 3-D3231 4-D3733	Peg Count	Total number of successful inputs for Time Specified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
TSAUSG	D	D092	100 Sec	Total Trunk Usage for Time Specified Advance Calling. "Billable Usage"	"Billable Usage" is defined as the period of time from Answer Supervision to signaling of disconnect.
TSAUSGn (where n=1-4)	D	1-D1842 2-D2342 3-D2842 4-D3342	100 Sec	Total Trunk Usage for Time Specified Advance Calling for specified periods of the day. "Billable Usage"	"Billable Usage" is defined as the period of time from Answer Supervision to signaling of disconnect. There are four such periods in the day, each an hour in length.
TUAAD	D	D492	Peg Count	Total number of attempts to deliver for Time Unspecified Advance Calling.	
TUAADn (where n=1-4)	D	1-D2242 2-D2742 3-D3242 4-D3742	Peg Count	Total number of attempts to deliver for Time Unspecified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
TUAAI	D	D490	Peg Count	Total number of attempted inputs for Time Unspecified Advance Calling.	
TUAAIn (where n=1-4)	D	1-D2240 2-D2740 3-D3240 4-D3740	Peg Count	Total number of attempted inputs for Time Unspecified Advance Calling.	There are four such periods in the day, each an hour in length.

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
TUAIPC	D	D101	10 Calls	Incoming Peg Count for Time Unspecified Advance Calling.	
TUAIPCn (where n=1-4)	D	1-D1851 2-D2351 3-D2831 4-D3351	10 Calls	Incoming Peg Count for Time Unspecified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
TUAMDD	D	D494	Peg Count	Total number of messages deleted but not delivered for Time Unspecified Advance Calling.	
TUAMDDn (where n=1-4)	D	1-D2244 2-D2744 3-D3244 4-D3744	Peg Count	Total number of messages deleted but not delivered for Time Unspecified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
TUAMDUR	D	D301	10 Hrs	Total length (in duration) of messages erased during period for Time Unspecified Advance Calling.	Indication of how long a message was stored on disk for system use.
TUAMDURn (where n=1-4)	D	1-D2051 2-D2551 3-D3051 4-D3551	10 Hrs	Total length (in duration) of messages erased during period for Time Unspecified Advance Calling for specified periods of the day.	Indication of how long a message was stored on disk for system use. There are four such periods in the day, each an hour in length.
TUAMERS	D	D300	Peg Count	Total number of messages erased during period for Time Unspecified Advance Calling.	

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
TUAMERSn (where n=1-4)	D	1-D2050 2-D2550 3-D3050 4-D3550	Peg Count	Total number of messages erased during period for Time Unspecified Advance Calling.	There are four such periods in the day, each an hour in length.
TUAMST	D	D302	100 Track Hrs	Total storage time of messages erased during period for Time Unspecified Advance Calling.	Storage time is the length of the message multiplied by the duration it was stored.
TUAMSTn (where n=1-4)	D	1-D2052 2-D2552 3-D3052 4-D3552	100 Track Hrs	Total storage time of messages erased during period for Time Unspecified Advance Calling for specified periods of the day.	Storage time is the length of the message multiplied by the duration it was stored. There are four such periods in the day, each an hour in length.
TUAPC	D	D100	10 Calls	Outgoing Peg Count for Time Unspecified Advance Calling.	
TUAPCn (where n=1-4)	D	1-D1850 2-D2350 3-D2850 4-D3350	10 Calls	Outgoing Peg Count for Time Unspecified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
TUASC	D	D494	Peg Count	Total number of Status Checks for Time Unspecified Advance Calling.	
TUASCn (where n=1-4)	D	1-D2245 2-D2745 3-D3245 4-D3745	Peg Count	Total number of Status Checks for Time Unspecified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
TUASD	D	D493	Peg Count	Total number of successful deliveries for Time Unspecified Advance Calling.	

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
TUASDn (where n=1-4)	D	1-D2243 2-D2743 3-D3243 4-D3743	Peg Count	Total number of successful deliveries for Time Unspecified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
TUASI	D	D491	Peg Count	Total number of successful inputs for Time Unspecified Advance Calling.	
TUASIn (where n=1-4)	D	1-D2241 2-D2741 3-D3241 4-D3741	Peg Count	Total number of successful inputs for Time Unspecified Advance Calling for specified periods of the day.	There are four such periods in the day, each an hour in length.
TUAUSG	D	D102	100 Sec	Total Trunk Usage for Time Unspecified Advance Calling. "Billable Usage"	"Billable Usage" is defined as the period of time from Answer Supervision to signaling disconnect.
TUAUSGn (where n=1-4)	D	1-D1852 2-D2352 3-D2852 4-D3352	100 Sec	Total Trunk Usage for Time Unspecified Advance Calling for specified periods of the day. "Billable Usage"	"Billable Usage" is defined as the period of time from Answer Supervision to signaling disconnect. There are four such periods in a day, each an hour in length.
VMCMUSGn (where n=0-7) No. of VMCs	H, D	H190-H197 H1440-H1447	100 Sec	For each VMC, the amount of time during the measurement period that the VMC was in the maintenance busy state.	"5.1-second scan"
VMCNAPC	H, D	H200 H1450	Peg Count	The number of times during the measurement period that a voice sector or data sector could not be filed or retrieved because no VMC was available.	

TABLE D (Contd)

VSS MEASUREMENT DESCRIPTIONS
(By Mnemonic Name)

MNEMONIC	SCHEDULE	REGISTER ASSIGNMENT	UNIT OF MEASURE	DESCRIPTION	REMARKS
VMCNUSGn (where n=0-7) No. of VMCs	H, D	H180-H187 D1430-D1437	100 CCS	For each VMC, the amount of time during the measurement period that the VMC was in the normal busy state.	A VMC is defined to be in the normal busy state when it is handling either voice or data transfers. "5.1- second scan"