SWITCHED SERVICE NETWORKS

ENHANCED PRIVATE SWITCHED COMMUNICATIONS SERVICE (EPSCS)

NETWORK AND OFFICE NUMBERS

CONTENTS PAGE

1. GENERAL

1.01 This section lists the numbers assigned to Enhanced Private Switched Communications Service (EPSCS) networks and gives examples of cross-reference reports.

1.02 This section is being reissued to include additional (SSNs) because of a greatly expanded system. It also provides restructuring of identification number lists and uniform designations of offices serving large metropolitan areas. Since this reissue is a general revision, no revision arrows have been used to denote changes.

1.03 These numbers will be used for identification purposes in conjunction with recorded announcement locations, handling of trouble reports and plant results records.

2. IDENTIFICATION NUMBERS

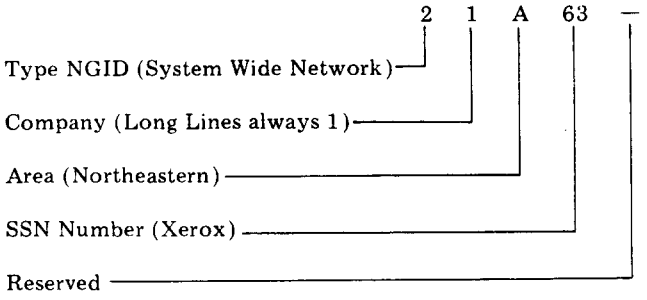
A. Network Numbers

2.01 The SSN numbers are 2-digit numbers assigned to Common Control Switching Arrangement (CCSA) and EPSCS networks. CCSA is numbered from 01 through 45; EPSCS is numbered from 63 to 46.

B. Network Grouping Identification Numbers

2.02 Network Grouping Identification (NGID) codes are five alphanumeric characters followed by a dash (—). The first character is always the digit 2 (two) which designates a system wide network. The second character, alpha or numeric, designates the company. The third character, alpha, designates an area within the company. The fourth and fifth numeric characters are digits designating the network number and are

always followed by a dash. An example of an EPSCS network number follows:



2.03 The NGID codes are used:

(a) To group all activities for one SSN

(b) To identify a specific SSN Operations Service Manager

(c) When completing Forms E-6948-1 through -5, Address Code Information Report, for input to the Data Processing Center (DPC).

C. Switching Machine Numbers

2.04 One 3-digit number is assigned per switching machine except when a No. 1 ESS office serves both 2-wire CCSA and 4-wire equivalent EPSCS/CCSA. Separate numbers are required for each type of switching at these locations.

2.05 There are several types of machines used for switching. The following will be used to designate switch types involved:

21	2-Wire No. 1 ESS
HL	HILO Equivalent 4-Wire No. 1 ESS
25	2-Wire No. 5 Csbr
45	4-Wire No. 5 Csbr
41	4-Wire No. 1 ESS
XT	Crossbar Tandem
IC	Independent Company

2.06 A CCSA or EPSCS network can only use one type of switching on a single switching machine; therefore, all access lines and network trunks must use 2-wire exclusively or equivalent 4-wire HILO exclusively at any one switch. The following shows examples of these configurations:

SWITCH LOCATION	SWITCHING MACHINE NUMBER	TYPE OF MACHINE	NETWORK NUMBER/KIND
CENTER A	123	21	2 CCSA
	123	HL	1 CCSA
CENTER B	201	HL	4 EPSCS
CENTER C	155	21	3 CCSA
	155	HL	2 CCSA
	210	HL	6 EPSCS

2.07 Switching machine numbers are used:

(a) To group all activity associated with one switcher or one switch type (2-wire or HILO).

(b) To identify CCSA Switch Service Bureaus (SSBs) and EPSCS Switching Control Centers (SCCs).

(c) On Forms E-6946-A through -F, Access Line, Trunk and Switching Machine Tickets, to input to the DPC.

D. Data Processing Identification Numbers

2.08 Data Processing Identification (DPI) numbers identify the administrative organization responsible for one or more SSN switchers. Each switching machine requires a separate DPI code. Planned changes will permit one DPI code to be assigned for more than one switching machine.

2.09 The DPI codes consist of six alphanumeric characters for Long Lines and five alpha characters for Operating Telephone Companies (OTCs). When an Independent Company (ICO) is sponsored by Long Lines or an OTC, the ICO switch will have the same DPI code as its sponsor.

2.10 DPI codes beginning with the numeral 1 (one) are identified as Long Lines. The succeeding characters represent an area, division, district and serving bureau. DPI codes beginning with an alpha character and ending with a dash are identified as OTC serving bureaus. The

characters represent the company, area, division, district, and serving bureau.

2.11 DPI numbers are used:

(a) To group all activities within one administrative organization.

(b) When completing Form 6946-A through F, Access Line, Trunk and Switching Tickets, to input to the DPC.

(c) On Form E-6944, Special Services Trouble Ticket.

3. STANDARD RECORDED ANNOUNCEMENTS

3.01 There are five standard recorded announcements associated with the EPSCS Network. Announcements 1 and 2 are associated with the customer premises vehicle and announcements 3, 4, and 5 are generated at the EPSCS switching center.

(1) For CENTREX-CO and CENTREX-CU locations, this personalized announcement is provided as a function of CENTREX service and could be employed in the event of a user dialing a vacant, changed, or disconnected station number.

"You have reached a nonworking number at the (FIRM Name) Company. For assistance, please dial (MTS listed directory number). If using the (EPSCS NETWORK NAME) network, dial (EPSCS listed number). This is a recording." (See Note.)

(2) For dial PBX locations, a nonpersonalized announcement may be used in the event of misdialing to vacant, changed, or disconnected numbers.

"The number you have reached is not in service at this time. If you need assistance, please hang up and dial your attendant. This is a recording." (See Note.)

Note: As an alternative to the recorded announcement, these misdirected calls may be routed to the CENTREX attendant or PBX attendant, whichever service is present at the customer location.

(3) The first EPSCS switching center encountered on a network call will be programmed to respond to the dialing of vacant IXX, NNX, and NPA codes (first three digits dialed) with the following announcement.

"I'm sorry, we are unable to complete your call as dialed. Please check the number and dial again or ask your attendant for assistance. This is a recording. SCC 2XX." (See paragraph 3.02.)

(4) The terminating EPSCS switching center will provide announcement when a vacant station number (last four digits) is received on a call to a directly terminated access line.

"The number you have reached is not in service at this time. If you need assistance, please hang up and dial your attendant. This is a recording. SCC 2XX." (See paragraph 3.02.)

(5) All EPSCS switching centers will be arranged to respond to originations which are denied due to (a) originating call screening, (b) invalid user dial authorization code, (c) user dialed authorization code treatments, and (d) special screening (six-digit translation) with the following announcement.

"The digits dialed are not valid. Please check the number and dial again. If you need assistance, please hang up and dial your attendant. This is a recording. SCC 2XX." (See paragraph 3.02.)

3.02 At the end of the announcement associated with the EPSCS switching center the 3-digit SCC code for that location should be inserted. This is used to distinguish a switcher serving CCSA 2-wire from one serving an EPSCS/CCSA HILO network. The switching machine number on recorded announcements is a valuable trouble analysis tool. It is important when tracing call completion failures due to routing translation errors and other associated troubles.

3.03 The customer may purchase one or more Special Recorded Announcements on a per EPSCS switching center basis. This function is ordered via the Universal Service Order (USO) process. The announcement can carry any message the customer desires (plant closing, general

information, etc), but the message can be no greater than 11 seconds in duration.

4. ASSIGNMENT OF NETWORK AND OFFICE NUMBERS

4.01 Assignment of network and office numbers is a responsibility of the Network Special Services, EPSCS Coordinator, AT&T Company, 295 N. Maple Avenue, Basking Ridge, N. J., 07920. All requests for number assignments of new networks and additions or deletions on existing ones, should be made through the Plant Switched Service Committee member in each company.

5. IDENTIFICATION NUMBER LISTS

5.01 The Cross-Reference Reports are published quarterly or as required by the DPC. The reports are distributed to those specified on the cross-reference listing or upon request.

5.02 Table A is a numerical list of all EPSCS networks showing the 2-digit network number, the network name, and the NGID number.

5.03 Table B is an ***example*** of the cross-reference report used to identify a specific office and its location when the NGID is known. This report is a numerical list by NGID numbers, showing the switching machine number, DPI code, type of machine, and location.

5.04 Table C is an ***example*** of the cross-reference report used to identify the machine, its location, and networks involved when the machine number is known. This report is a numerical list by Switching Machine Numbers, showing DPI code, type of machine, location and networks (NGID) served.

5.05 Table D is an ***example*** of the cross-reference report used to identify a specific machine, location, and networks involved when the office code is known. This report is an alphanumeric listing by DPI codes showing the Switching Machine Number, type of machine, location, and networks (NGID) served.

TABLE A

EPSCS NETWORK NUMBERS

NETWORK NUMBER	SWITCHED SERVICE NETWORK	NETWORK GROUPING NUMBER (NGID)
63	Xerox Corporation	21A63—
62	RCA Corporation	21A62—
61	Mobil Oil Corporation	21G61—
60	Sperry Rand Corporation	21G60—
59	LTV (Ling Temco Vought) Corporation	21B59—
58	TransAmerica Corporation	21F58—
57	Consolidated Rail Corporation (CONRAIL)	21B57—
56	BM Co.	21E56—
55	Bethlehem Steel	21B55—
54	WECO	21G54—
53	National Steel	21B53—
52	Honeywell	21E52—
51	United Airlines	21D51—
50	Kodak	21A50—
49	DuPont	21B49—
48	Exxon	21E48—
(Additional numbers to be assigned)		

TABLE B

EPSCS CROSS-REFERENCE REPORT #1
NETWORK GROUPING IDENTIFICATION (NGID) NUMBER

SWITCHING MACHINE NUMBER	OFFICE DPI CODE	TYPE OF MACHINE	CITY	STATE
	21A63–XEROX CORPORATION			
201	1DJ717	HL	Chicago	IL
202	NFSDC	HL	Dallas	TX
203	REAAA	HL	Los Angeles	CA
204	1AC621	HL	Rochester	NY
205	EDDNA	HL	Arlington	VA
206	BDMEB	HL	White Plains	NY
	21A62–RCA CORPORATION			
SWITCHING MACHINE NUMBER	OFFICE DPI CODE	TYPE OF MACHINE	CITY	STATE
202	NFSDC	HL	Dallas	TX
203	REAAA	HL	Los Angeles	CA
207	JBABB	HL	Indianapolis	IN
208	VTADE	HL	Atlanta	GA
209	DBBAA	HL	Philadelphia	PA
210	1GU961	HL	New York	NY
	21G61–MOBIL OIL CORPORATION			
SWITCHING MACHINE NUMBER	OFFICE DPI CODE	TYPE OF MACHINE	CITY	STATE
201	1DJ717	HL	Chicago	IL
202	NFSDC	HL	Dallas	TX
210	1GU961	HL	New York	NY
	21G60–SPERRY RAND CORPORATION			
SWITCHING MACHINE NUMBER	OFFICE DPI CODE	TYPE OF MACHINE	CITY	STATE
203	REAAA	HL	Los Angeles	CA
208	VTADE	HL	Atlanta	GA
209	DBBAA	HL	Philadelphia	PA
211	MCCAB	HL	St. Paul	MN

TABLE C

EPSCS CROSS-REFERENCE REPORT # 2
SWITCHING MACHINE NUMBER

SWITCHING MACHINE NUMBER	OFFICE DPI CODE	TYPE OF MACHINE	CITY	STATE	NETWORK GROUPING NUMBER (NGID)
201	1DJ717	HL	Chicago	IL	21A63— 21G61— 21B59— 21F58—
202	NFSDC	HL	Dallas	TX	21A63— 21A62— 21G61— 21B59— 21F58—
203	REAAA	HL	Los Angeles	CA	2A63— 21A62— 21G60— 21F58—
204	1AC621	HL	Rochester	NY	21A63—
205	EDDNA	HL	Arlington	VA	21A63—
206	BDMEB	HL	White Plains	NY	21A63—
207	JBABB	HL	Indianapolis	IN	21A62—
208	VTADE	HL	Atlanta	GA	21A62— 21G60—
209	DBBAA	HL	Philadelphia	PA	21A62— 21G60— 21B57—
210	1GU961	HL	New York	NY	21A62— 21G61— 21F58— 21B57—
211	MCAJA	HL	St. Paul	MN	21B60— 21B59—
212	DEBAA	HL	Pittsburgh	PA	21B59— 21B57—
213	GEDCA	HL	Cleveland	OH	21B57—

TABLE D

EPSCS CROSS-REFERENCE REPORT #3
(ALPHA/NUMERICAL LISTING)
DATA PROCESSING IDENTIFICATION (DPI) CODES

OFFICE DPI CODE	SWITCHING MACHINE NUMBER	TYPE OF MACHINE	CITY	STATE	NETWORK GROUPING NUMBER (NGID)
BDMEB	206	HL	White Plains	NY	21A63—
DBBAA	209	HL	Philadelphia	PA	21A62—
					21G60—
					21B57—
EDDNA	205	HL	Arlington	VA	21A63—
JBABB	207	HL	Indianapolis	IN	21A62—
MCCAB	211	HL	St. Paul	MN	21B60—
					21B59—
NFSDC	202	HL	Dallas	TX	21A63—
					21A62—
					21G61—
					21B59—
					21F58—
REAAA	203	HL	Los Angeles	CA	21A63—
					21A62—
					21G60—
					21F58—
VTADE	208	HL	Atlanta	GA	21A62—
					21G60—
DEBAA	212	HL	Pittsburgh	PA	21B59—
					21B57—
GEDCA	213	HL	Cleveland	OH	21B57—
1AC621	204	HL	Rochester	NY	21A63—
1DJ139	201	HL	Chicago	IL	21A63—
					21G61—
					21B59—
					21F58—
1GU561	210	HL	New York	NY	21A62—
					21G61—
					21F58—
					21F57—