SWITCHED SERVICE NETWORKS
COMMON CONTROL SWITCHING ARRANGEMENTS (CCSA)
NETWORK AND OFFICE NUMBERS

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1. GENERAL

1.01 This section lists the numbers assigned to Switched Service Networks (SSNs) and Switched Service Bureaus (SSBs) or Switching Machine Numbers (SMNs) for Common Control Switching Arrangements (CCSA).

1.02 This section is being reissued to include additional networks (SSNs) and offices (SSBs) 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 and handling trouble reports and plant results records.

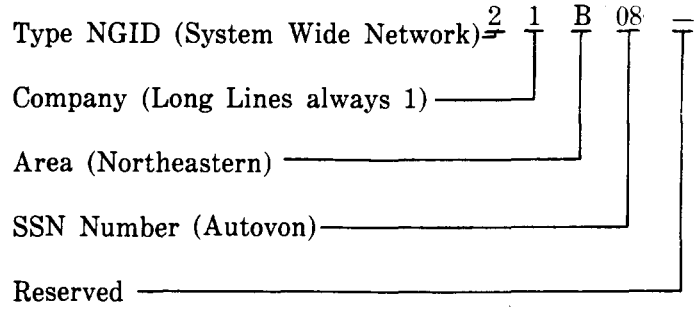
2. IDENTIFICATION NUMBERS

A. Network Numbers

2.01 The SSN numbers are 2-digit numbers assigned to CCSA and Enhanced Private Switched Communications Service (EPSCS) networks. CCSA is numbered from 01 through 45 and 65 and up; EPSCS is numbered from 63 down 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 characters, numeric, are digits designating the network number and are always followed by a dash. An example of CCSA 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) To complete 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 network can use only 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
Center A	123	21	CCSA
	194	HL	CCSA
Center B	201	HL	EPSCS
Center C	155	21	CCSA
	210	HL	EPSCS

2.07 SMNs are used:

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

(b) To identify CCSA and EPSCS Switching Control Centers (SCC).

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

(c) To complete form E-6944, Special Services Trouble Ticket.

3. STANDARD RECORDED ANNOUNCEMENTS

3.01 There are four standard recorded announcements associated with the CCSA network. The

recorded treatment for all customers at all CCSA offices should be the same. The four announcements follow.

(1) For Centrex-CO 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 (CCSA NETWORK NAME) network, dial (CCSA 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. Direct line service uses an announcement directing calls to the network information attendant.

(3) The first CCSA switching machine encountered in a network call will be programmed to give the following recorded announcement for vacant codes.

"I am 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. SSBXXX." (See paragraph 3.02.)

(4) CCSA switching machines will be arranged to respond to originations which are denied due to restricted class of service.

"The number dialed is not authorized for your line. Please use an authorized number or consult your attendent for assistance. This is a recording. SSBXXX." (See paragraph 3.02.)

3.02 At the end of the announcement associated with the CCSA switching machine, the 3-digit SSB code for that location should be inserted. This is used to distinquish 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 CCSA switching machine basis. This function is ordered via the universal service order process. The announcement can carry any message the customer desires (plant closing, general information, etc), but the message can be no greater than eleven seconds in duration.

4. ASSIGNMENT OF NETWORK AND OFFICE NUMBERS

4.01 Assignment of network and office numbers is a responsibility of the Network Services, Special Services, CCSA 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 listing of all CCSA 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 listing by NGID numbers, showing the SMN, DPI code, switch type, 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

listing by SMNs, showing DPI code, switch type, 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 SMN, switch type, location, and networks (NGID) served.

TABLE A

CCSA NETWORK NUMBERS

NETWORK NUMBER	SWITCHED SERVICE NETWORK	NETWORK GROUPING ID	NETWORK NUMBER	SWITCHED SERVICE NETWORK	NETWORK GROUPING ID
01	State of Washington	20W01—	27	Honeywell	21E27—
02	FTS	21B02—	28	State of New Jersey	2CE28—
03	Comm of Pennsylvania	2DD03—	29	Ford Motor Co.	21D29—
04	Gen. Electric	21A04—	30	Shell	21E30—
05	Conrail	21B05—	31	Trans-America	21F31—
06	Lockheed	21F06—	32	American Express	21G32—
07	State of California	2RB07—	33	State of Kansas	2NC33—
08	Autovon	21B08—	34	State of Georgia	2VT34—
09	Unassigned		35	State of Florida	2VJ35—
10	Boeing	21F10—	36	State of Alabama	2WB36—
11	Westinghouse	21B11—	37	Champion International	21D37—
12	Cornet	21G12—	38	National Steel	21B38—
13	IBM	21A13—	39	Foremost McKesson	21F39—
14	Rockwell International	21B14—	40	State of Arizona	2PB40—
15	Motorola	21D15—	41	General Foods	21A41—
16	Pantel	21G16—	42	J C Penney	21G42—
17	State of Maryland	2EC17—	43	DuPont	21B43—
18	U.S. Steel	21B18—	44	IBM/SCA	21A44—
19	Bethlehem Steel	21B19—			
20	General Motors	21D20—			
21	Goodyear	21D21—			
22	State of Texas	2NF22—			
23	Allis Chalmers	21D23—	65	State of Louisana	2WW65—
24	Commonwealth of Va.	2ED24—	66	State of Tennessee	2WT66—
25	Exxon	21E25—	67	Barnett Bank	2VJ67—
26	Marine Midland	2BD26—			

TABLE B
EXAMPLE OF CROSS REFERENCE REPORT 1
NETWORK GROUP IDENTIFICATION
21G12 - CORNET OR WECO

SMN	DPI	SW. TYPE	CITY	STATE
008	1DJ560	45	Chicago	IL
076	1CG316	25	Greensboro	NC
072	1AA231	45	Newark	NJ
014	RBDJA	45	San Jose	CA

TABLE C
EXAMPE OF CROSS REFERENCE REPORT 2
SWITCHING MACHINE NUMBER

SMN	DPI	SW. TYPE	CITY	STATE	NETWORKS
014	RBDJA	45	San Jose	CA	21A04— 21G12— 21A13— 21D29—

TABLE D
EXAMPLE OF CROSS REFERENCE REPORT 3
(ALPHA/NUMERICAL LISTING)
DATA PROCESSING IDENTIFICATION (DPI)

DPI	SMN	SW. TYPE	CITY	STATE	NETWORKS
QWJJF	172 015	21 25	Seattle	WA	21B02— 21F10—