

STEP-BY-STEP AND COMMUNITY DIAL OFFICES

1.02 The symbol (X) has been used to indicate the type or types of offices to which a particular section applies. Where a section deals with a recognizable feature such as Intertoll dialing or ANI the (X) symbol is omitted.

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Page 2

[illegible]

CALL-THROUGH TESTS

X	X	No. 1
X	X	350A
X	X	355A
		356A
X	X	360A
		370A-B
		375A-B
		385A-B
		386A-B
X	X	35-E-97
		32-A-32
		32-A-44
	X	CX

CAMA

application to step-by-step
intertoll office 955-310-100

Tests,

miscellaneous	227-331-501
using SD-32271-01	227-331-500

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using SD-32271-01 ..... 227-310-500
incoming register link ..... 227-315-500

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Master timing circuit, See MASTER
TIMING CIRCUIT SD-25633-01

position link, using
SD-32271-01 227-340-500

recorder and recorder-connector ... 227-430-500
registers,

traffic 227-365-500
registers,

plant 227-370-500
senders,

miscellaneous 227-325-501
using SD-32270-01 and

SD-32271-01 227-325-500
transverter,

miscellaneous 227-346-501
using SD-32271-01 227-346-500

transverter connectors 227-345-500
trunk class translator, using

SD-32271-01	227-335-500
trunk finder	227-320-500

trunk transfer circuit 227-360-500

CHARGE IRREGULARITIES

Calls to crossbar tandem offices 226-860-300

CONNECTORS

Coin, SD-33022-01

tests,
coin and rering 226-440-500

Coin control,
tests,

using test set SD-90469-02		226-440-501
using test set SD-31858-01		226-440-502

	No. 1	350A	355A	356A	360A	370A-B	375A-B	385A-B	386A-B	35-E-97	32-A-32	32-A-44	CX
CONNECTORS (Cont'd)													
rapid test,													
dial hand test set 226-415-502	X	X											
test set SD-30502-01 226-415-503	X	X	X	X	X					X			
test set SD-31637-01 or													
SD-31637-02 and SD-31481-01 226-415-504	X	X	X	X	X					X			
Seizure test 226-400-502	X	X	X	X	X	X				X			
superimposed reverting call													
connectors 225-820-500													X
Timing tests,													
B, C and E relays, test set													
SD-90418-01 226-400-501	X	X	X							X			
Traffic register circuit test 226-700-502	X	X	X							X			
CONTACTS													
Noise measurement,													
30A level distribution register ... 226-836-500	X	X	X	X	X	X				X	X	X	
summary and analysis 226-020-000	X	X	X	X	X	X				X	X	X	
CONTROLLERS													
Intertoll trunk concentrating tests . 227-165-500													
CUSTOMER LINES													
Method of denying and restoring 226-155-300	X	X	X	X	X	X				X	X	X	
CX-TYPE OFFICES													
Description 955-105-100													
D													
DESIGNATION CARDS													
Selector Multiple,													
preparation 030-705-301													
DIAL TONE SPEED													
Register and indicator circuits,													
test 226-812-500	X	X	X										
DIRECTIONAL RESERVATION CIRCUIT													
Intertoll dialing, SD-56470-01,													
test 227-160-500													

	No. 1	350A	355A	356A	360A	370A-B	375A-B	385A-B	386A-B	35-E-97	32-A-32	32-A-44	CX
E													
EMERGENCY LINE CIRCUITS SD-32313-01, tests 226-818-500	X	X	X							X			
EMERGENCY MANUAL CIRCUITS SD-32065-01, tests 226-814-500	X	X	X	X	X	X	X	X	X	X	X	X	X
EMERGENCY TRANSFER CIRCUIT SD-96425-01, tests 226-819-500													
G													
GROUP BUSY AND OVERFLOW CIRCUIT Intertoll dialing through selectors . 227-110-500													
I													
INDEXERS Call identity, SD-25621-01, tests 227-450-500	X												
L													
INSULATION TESTS Equipment and bank ground 030-705-501 Resistance test of banks and bank multiple 030-705-502													
LINE TESTS 225-800-500													

	No. 1	350A	355A	356A	360A	370A-B	375A-B	385A-B	386A-B	38-E-97	32-A-32	32-A-44	CX
LINE FINDERS													
Description, 200-point	955-115-100												
Group and chain circuit test	226-215-500	X	X	X	X	X				X			
Line tests,													
using test set SD-90210-01 or													
SD-90416-01	226-200-508	X	X	X	X	X				X			
test set ES-30417-01, SD-31246-01													
or SD-31524-01	226-200-510	X	X	X	X	X				X			
test set SD-31151-01, SD-31258-01													
or SD-31456-01	226-200-509	X	X	X	X	X				X			
Normal post spring operation test ...	226-210-500												
Operation tests,													
using test set SD-90210-01 or													
SD-90416-01	226-200-507	X	X	X	X					X			
test set ES-30417-01, SD-31246-01													
or SD-31524-01	226-200-505	X	X	X	X	X				X			
test set SD-31151-01 or													
SD-31258-01	226-200-503	X	X	X	X	X				X			
test set SD-31456-01	226-200-502	X	X	X	X	X				X			
test set SD-90469-01	226-200-504	X	X	X	X	X				X			
test set SD-90469-02	226-200-501	X	X	X	X	X				X			
dial hand test set	225-700-500						X						
with control circuit)	226-205-500			X									
)	225-600-500									X			
without control circuit	226-200-500			X						X			
cx type	225-805-500												X
Rapid operation test,													
test set SD-31725-01	226-200-506	X	X	X	X	X				X			
test set SD-90469-01	226-200-504	X	X	X	X	X				X			
test set SD-90469-02	226-200-501	X	X	X	X	X				X			
LINE SWITCHES													
Class of service tone test	225-120-500	X											
Primary,													
double connections, relay equip-													
ment for reducing of	225-105-500	X											
operation test	225-105-500	X											
relay test (plunger type)	225-100-500	X											
traffic register operation test ...	225-105-501	X											
Secondary,													
all trunks busy traffic register													
circuit test	225-110-502	X											
operation tests,													
with allotters	225-110-500	X											
without allotters	225-110-501	X											
LOAD CONTROL, LINE													
Methods, using circuit SD-32069-01 ..	226-100-100	X	X	X	X					X			
Test	226-810-500	X	X	X	X					X			
MAINTENANCE ADMINISTRATION													
Community dial offices	226-012-000		X	X	X	X	X	X	X	X	X	X	X

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REPEATERS

	No. 1	350A	355A	356A	360A	370A-B	375A-B	385A-B	386A-B	35-E-97	32-A-32	32-A-44	CX
C relay test, dial hand test set 226-600-502	X	X	X		X								
Pulsing,													
outgoing, test set SD-31481-01 226-600-500	X	X	X							X			
per cent break method, test sets													
SD-31481-01 and SD-31667-01 226-600-501	X	X	X							X			
Timing tests,													
B and C relays, test set													
SD-90418-01 226-600-503	X	X	X							X			
Traffic register circuit test 226-700-503	X	X	X		X					X			
Trunk continuity and polarity,													
using test set SD-31426-01 226-508-501	X	X	X		X					X			
using test set SD-31725-01 226-508-502	X	X	X		X					X			
Right of way on Emergency Calls,													
auxiliary line 226-838-500	X	X	X	X	X	X	X	X	X	X	X	X	X
auxiliary trunk,													
operator office to specific													
subscriber 226-501-500	X	X	X	X	X	X	X	X	X	X	X	X	X
specific subscriber to													
operator office 226-500-500	X	X	X	X	X	X	X	X	X	X	X	X	X
line adapter 226-816-500	X	X	X	X	X	X	X	X	X	X	X	X	X

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SELECTORS

C relay test,													
release test,													
using test set SD-31481-01 226-300-500	X	X	X							X			
release and timing test,													
combined with selector rotary													
Code,													
call-through tests from auxiliary													
trunk, using dial hand test set .. 226-325-500	X	X	X		X								
Coin control,													
toll,													
loop dialing equipment 226-320-502	X	X	X	X	X								
repeated dialing equipment 226-310-506	X	X	X	X						X			
toll transmission, associated jack													
method,													
loop dialing 226-310-503	X	X	X										
repeated dialing 226-310-507	X	X	X										
speed test 226-300-506	X	X								X			
Digit absorbing,													
description 955-110-100													
Incoming and intermediate,													
seizure test 226-305-504	X	X	X	X	X	X				X			
Intertoll,													
taking equipment out of service ... 227-170-300													
tests,													
alarms, permanent 227-100-507													
B and C relay timing 227-100-504													
C relay release with SD-90418-01													
and SD-64540-01 227-100-503													
group busy, overflow and posted													
delay 227-110-500													
operation 227-100-500													
pulsing 227-100-505													
rotary,													
with 40C test set 227-100-501													
with or without SD-31616-01 ... 227-100-502													
with SD-90418-01 and													
SD-64540-01 227-100-503													
traffic register 227-105-500													

	No. 1	350A	355A	356A	360A	370A-B	375A-B	385A-B	386A-B	35-E-97	32-A-32	32-A-44	CX
two and four party,													
using test set SD-90416-01 226-340-501		X			X								
using test set SD-90469-02 226-340-502		X			X								
using test circuit SD-30998-01 .. 226-340-503	X	X			X								
using test set SD-31478-011 and													
SD-31479-01 226-340-504	X	X	X	X	X					X			
using test set SD-31858-01 226-340-505		X								X			
using test set SD-31859-01 226-340-506		X								X			
pulsing tests, test set													
SD-31481-01 226-340-500	X	X	X	X	X					X			
timing tests,													
B, C and E relay, test set													
SD-90418-01 226-340-511	X	X	X							X			
Rotary speed test 226-300-506	X	X								X			
Rotary test,													
dial hand test set 226-300-501	X	X	X	X	X					X			
test set 40C 226-300-503	X	X	X	X	X					X			
dial hand test set or No. 40C													
test set 225-605-500										X			
test set ES-30068-01 or													
SD-31115-01 226-300-505	X	X	X	X	X					X			
test set SD-31616-01 226-300-504	X	X	X	X	X					X			
Timing tests,													
B and C relays, test set													
SD-90418-01 226-300-507	X	X	X							X			
coin control 226-320-501	X	X								X			
Traffic register circuit test 226-700-501	X	X	X	X	X					X			
SELECTOR-REPEATERS													
Operation tests,													
test set SD-31858-01, SD-90469-01													
or SD-90469-02 226-330-502		X	X										
test set SD-31859-01 225-300-500			X										
Rotary and C relay timing,													
test set SD-90418-01 226-330-501	X	X	X										
SENDERS													
Key pulsing,													
dc,													
tests,													
using SD-90424-01 226-846-501													
using SD-90635-01 226-846-500													
mf,													
tests,													
using SD-95400-01 226-844-500													
SUBSCRIBER LINES													
Automatic line insulation test													
equipment,													
description 955-900-100													
Method of denying and restoring													
service 226-155-300	X	X	X	X	X	X				X	X	X	
Tests,													
rapid insulation test 102-172-501	X	X	X	X	X	X	X	X	X	X	X	X	X
verification, AMA 227-206-500													
verification, ANI 227-520-500													

T

TAKING STEP-BY-STEP EQUIPMENT OUT OF
SERVICE 226-160-300

TEST EQUIPMENT

Automatic line insulation,
description 955-900-100

TEST FRAMES

Line insulation,
test 226-830-500

TEST DISTRIBUTORS

Pulsing, test set SD-31481-01 226-828-500

Timing test,

B and C relays, test set

SD-90418-01 226-828-501

Tests using test set SD-31859-01 225-405-500

TIMING

Circuits,

common, alarm test 226-801-500

Tests,

coin,

timing, collect and monitor for
overtime charging, test set

SD-90469-01 226-822-500

coin, and message rate,

timing intervals for overtime

charging 226-824-500

TRANSMISSION TESTS

Using No. 12A or 20A measuring set .. 226-834-500

Using manual outgoing trunk test

frame test circuit 226-590-500

TRUNK FINDERS

Description, 200-point 955-115-100

Group and chain circuit test 226-215-500

Operation tests,

test set SD-34156-01 or

SD-31524-01 226-220-501

test set SD-90469-01 or

SD-90469-02 226-220-500

Traffic register test 226-700-500

No. 1	350A	355A	356A	360A	370A-B	375A-B	385A-B	386A-B	35-E-97	32-A-32	32-A-44	CX
X	X		X		X				X			
X	X											
X	X	X										
X	X	X							X			
			X									
X	X											
X	X											
X	X											
X	X	X		X								
X	X	X										
X	X	X		X	X							
X	X	X		X								
X	X	X	X	X								
X	X	X	X	X								

2-way operator office, SD-32340-01,
using test set SD-90469-01 or
SD-90469-02 226-514-500

Auxiliary,		
prepayment coin service,		
using test set SD-90469-02		226-502-501
using test set SD-31858-01		226-502-500
postpayment coin service,		
using test set SD-31858-01		225-335-500
using 716E receiver		225-630-500
using test set ES-241636		226-517-502

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Coin,
operation tests,
  loop dialing, test set
    ES-30007-01 or SD-30387-01 ..... 226-517-501
  postpay ..... 225-630-500
  prepay,
    using test set SD-90469-01 or
      SD-90469-02 ..... 226-521-500
    using test set SD-31858-01 .... 226-521-501
  pulsing tests, per cent break
  method ..... 226-517-500

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Coin control, SD-32289-01,
tests 226-440-500

Continuity and polarity tests,
interoffice, using test set

SD-31426-01 226-508-501
interoffice, using test set

SD-31725-01 226-508-502
trunks from local selectors,

dial hand test set	226-527-500
wagon type test set	226-527-501

trunks from toll intermediate
selectors 226-542-500

trunks from toll selector levels,
A-B toll, repeated dialing 226-540-500

toll and A-B toll, loop dialing . 226-541-500
toll transmission, repeated

dialing 226-539-500
Incoming, SD-31703-01,

using test set SD-31858-01,
SD-90469-01 or SD-90469-02 226-511-500

Intercepting, connectors,
 associating connector terminals ... 226-165-300

dial hand test set,
intercepting handled at DSA

switchboard 226-561-500
intercepting handled at toll

switchboard or operating room
desk 226-560-500

test set SD-90469-01 or
SD-90469-02,

intercepting handled at DSA
switchboard 226-559-500

intercepting handled at toll
switchboard or operating room

desk	226-562-500
test wagon	226-546-500

Page 15

TRUNKS (Cont'd)

	No. 1	350A	355A	356A	360A	370A-B	375A-B	385A-B	386A-B	35-E-97	32-A-32	32-A-44	CX
Intercepting selectors or connectors, using test set SD-31858-01			X										
using test set SD-31859-01			X										
Intercepting, trunk finder, No. 14C or 15C switchboards, arranged to trip machine ringing after extending call to operator	X	X	X							X			
arranged to trip machine ringing before extending call to operator	X	X	X							X			
outgoing, to regular or trouble intercepting operator or announcement machine	X	X	X							X			
toll switchboard or operating room desk, arranged to trip machine ringing after extending call to operator	X	X	X							X			
arranged to trip machine ringing before extending call to operator	X	X	X							X			
Intertoll, dialing, taking equipment out of service ..													
tests, C and S leads													
information													
interoffice													
intercepting													
inter-switch to auxiliary selectors													
miscellaneous switchboard apparatus													
selectors, continuity													
timing circuit													
to toll operator													
Message rate, line finder type, tests, individual line, using test set ES-30417-01, SD-31246-01 or SD-31524-01 ..	X	X	X	X						X			
using test set SD-31151-01, SD-31258-01 or SD-31456-01 ..	X	X	X	X						X			
using test set SD-31858-01 ..			X										
using test set SD-31859-01 ..			X										
two-party line, using test set SD-31151-01, SD-31258-01 or SD-31456-01 ...	X	X											
pulsing test, per cent break method	X	X											
line switch type, individual line, individual test set ES-30290-01	X												
Plugging-up, trouble intercepting and observation	X	X											
Selector level, C and S leads	X	X	X							X			
call indicator, test wagon	X	X	X							X			
desks and switchboards, dial hand test set	X	X	X							X			
information desk, test wagon	X	X	X							X			

	No. 1	350A	355A	356A	360A	370A-B	375A-B	385A-B	386A-B	35-E-97	32-A-32	32-A-44	CX
intercepting, local selectors, test set SD-90469-01 or SD-90469-02, intercepting handled at DSA switchboard 226-551-500	X	X	X							X			
intercepting handled at toll switchboard or operating room desk 226-550-500	X	X	X							X			
test wagon 226-532-500	X	X	X							X			
intercepting, toll and A-B toll selectors, test set SD-90469-01 or SD-90469-02, intercepting handled at DSA switchboard 226-552-500	X	X	X							X			
intercepting handled at toll switchboard or operating room desk 226-553-500	X	X	X							X			
interoffice, trunk test set SD-90469-01 or SD-90469-02 226-508-504	X	X	X		X					X			
wagon test set ES-30096-01 226-508-500	X	X	X		X					X			
magneto, office, dial hand test set 226-534-500	X	X	X							X			
outgoing, using test set SD-31858-01 225-325-500			X										
using test set SD-31859-01 226-508-503			X	X						X			
using dial hand test set and test set H-35348 or H-35690 225-635-500										X			
using dial hand test set) 225-710-500								X					
) 225-825-500													X
interswitch 225-645-500										X			
PBX trunks, SD-31757-01 226-569-500	X												
recording, test wagon 226-531-500	X	X	X		X					X			
recording-completing, coin, tests, loop dialing, using test set SD-30387-01 226-524-500	X	X	X							X			
repeated dialing, using test wagon 226-524-501	X	X	X							X			
recording-completing, coin and non-coin, test set SD-31858-01 226-524-503			X							X			
test set SD-90469-01 or SD-90469-02 226-524-502	X	X	X		X					X			
repair clerk, test wagon 226-536-500	X	X											
rural, test wagon 226-530-500	X	X	X							X			
special service, test wagon 226-529-500	X	X	X							X			
test desk, test wagon 226-535-500	X	X	X							X			
Toll diverting, using test set SD-90469-01 226-572-500	X	X	X							X			
Verification request trunks from connectors, dial hand test set, intercepting handled at DSA switchboard 226-561-500	X	X	X							X			
intercepting handled at toll switchboard or operating room desk 226-560-500	X	X	X							X			
test set SD-90469-01 or SD-90469-02, intercepting handled at DSA switchboard 226-559-500	X	X	X							X			
intercepting handled at toll switchboard or operating room desk 226-562-500	X	X	X							X			