



**DEFINITY®**  
**Enterprise Communications Server**  
Release 6, Issue 3.1 (03.1.230.6)  
Change Description

555-233-404  
Issue 1  
Comcode 108334830  
September 1998

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**Part 68: Network Registration Number.** This equipment is registered with the FCC in accordance with Part 68 of the FCC Rules. It is identified by FCC registration number AS593M-13283-MF-E.

**Part 68: Answer-Supervision Signaling.** Allowing this equipment to be operated in a manner that does not provide proper answer-supervision signaling is in violation of Part 68 rules. This equipment returns answer-supervision signals to the public switched network when:

- Answered by the called station
- Answered by the attendant
- Routed to a recorded announcement that can be administered by the CPE user

This equipment returns answer-supervision signals on all DID calls forwarded back to the public switched telephone network. Permissible exceptions are:

- A call is unanswered
- A busy tone is received
- A reorder tone is received

#### Canadian Department of Communications (DOC)

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- Electromagnetic Compatibility (89/336/EEC)
- Low Voltage (73/23/EEC)
- Telecommunication Terminal Equipment (TTE)  
i-CTR3 BRI and i-CTR4 PRI

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##### Acknowledgment

This document was prepared by the Product Documentation Development group, Lucent Technologies, Denver, CO.

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# Highlights

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This change description document describes the changes incorporated in DEFINITY Enterprise Communications Server (ECS), Release 6, Issue 3.1 (03.1.230.6).

## Highlights of Features and Enhancements

### **International Consolidation (I-CON)**

#### **Administration**

A new Location field on page 1 of the System Parameters Customer Options form shows the location of the switch to be United States/Canada or all other locations.

The Location field defaults to 1 for the United States and Canada. The Location field must be set to 2 for all other locations to allow the use of International Consolidation circuit packs and terminals in all DEFINITY ECS platform and International offers.



### Phones

New comcodes exist for new International Consolidation (export) versions of the 6408D+, 6416D+, and 6424D+ phones.

The display on the export versions of the phones works only when the Location field on the Customer Options form is set to 2 for locations outside of the US and Canada. If the location field is set to 1 for US/Canada, the phones place and receive calls but the display shows the message EXPORT VERSION.

### Call Coverage Redirected Off Net (CCRON)

#### Coverage After Forwarding

**r6p3980496 bew r6p2970909-g3v2970647**

ISDN calls that are forwarded off-net over ISDN trunks to a cell phone now complete.

**r6p3980454 bew r6p2970716-g3v2970575**

Network answer supervision can be administered through the System Parameters Coverage/Forwarding form to reduce cut-through delays on remote-covered calls. Set the new "Maintain SBA At Principal (For Final CCRON Coverage Point)" field on the System-Parameters Coverage/Forwarding form to "n" to dispense with call classification on the last coverage point.

**r6p3970861 r6p2970717-g3v2970576 r6p3980256 r6p3980454 r6p3980499 bew** Options are available on the System-Parameters Coverage/Forwarding form for coverage treatment for an unanswered forwarded call. Administration can specify if the switch should immediately redirect the call or wait for an administrable timed interval to expire.

#### Multiple Ring Intervals

**r6p3980499 bew g3v5961268-g3v2960592**

Different numbers of rings can be administered for off-net and local coverage points in the same coverage path.

### Multimedia

**r6p3980371 ghb**

List multimedia endpoint and status station commands are enhanced to show the settings of Multimedia Call Handling (MMCH) modes (basic or enhanced) and service links (permanent or as-needed).

### QSIG

**r6p3980685 gsg**

QSIG path replacement returns an error message when it detects an invalid rerouting number or too few digits.

**r6p3980586 zchen**

The title on Page 2 of the ARS Digit Conversion Table shows "FOR DATA ENTRY ONLY."

**r6p3980732 ncb**

A new field on the trunk group form is for fixed ANI for outgoing calls.

### Administration

**r6p3980458 ljm approved 03.0.224.0**

The command line SHIFT "R" (repeat last command) works with status conference.

**r6p3980639 zchen g3v2980226**

A warning is displayed if TTI is on, a station port is changed from x to an existing port, and the site data is changed. The message is "WARNING: system may override site-data when TTI is active."

**r6p3980246 arao g3v2980064-**

The durations for Send DTMF can be set from 60 to 350 msec for tone and 40 to 100 msec for pause.

### ISDN

ISDN trunk groups with Trunk Hunt set to "descending" receive descending treatment on all interfaces in the trunk group first and then on each "B" channel on the selected interface.

Purchasing either ISDN-PRI or ISDN-BRI trunks allows the use of USAGE Allocation Enhancements, QSIG Basic Call Setup, QSIG Basic Supplementary Services, and Caller Information Forwarding (CINFO) Vectoring.

### International Enhancements

#### Brazil

**r6p3980618 laa r6p3980619 ncb** The new TN2183/TN2215 analog line circuit pack allows 900 Ohm capability for Brazil. The circuit pack can be administered for 900 ohm or 600 ohm analog line transmission and analog phone support. The TN2308 analog DIOD trunk circuit pack allows 900 ohm trunk capability for Brazil.

The TN465C analog trunk circuit pack (for CO, FX and WATS) can be administered for 900 Ohms or 600 Ohms for Brazil and Argentina.

#### Russia

**r6p3980634 jimb r6p3980733 dan**

The shuttle outgoing exchange cycle timer is administrable in Russia. The timer defaults to 4 seconds and can be set from 1 to 255 seconds.

The disconnect timer is available in Russia to disconnect outgoing calls that have not been answered when the timer has expired. This timer applies to trunk group types of CO, FX, WATS, and DIOD.

### Italy

[r6p3980599](#) [r6p3980602](#) [pol](#)

Changes to Country Protocol 4 (Italy) and ISDN trunks allow special Italian requirements. For PRI only, RESTART messages are not sent to the network. For PRI/BRI trunks, Trunk Access Code Dialing allows DTMF tones after CALL PROC for Italy. SETUP differentiates between calls originated by DCP and analog voice endpoints.



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## Change Descriptions

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The following problems are corrected and addressed in DEFINITY Enterprise Communications Server (ECS), Release 6.3, Issue 1 (03.1.230.6).

1. The UCID query for a valid CALL ID without a UCID IE received a positive acknowledgment. Now, the UCID query for a valid CALL ID without a UCID IE receives a NAK with cause value CS3/86.
2. A phantom call to an auto-answered agent did not provide zip tone.
3. Send DTMF used fixed values of 350 msec for tone and 100 msec for pause. Now the durations can be set from 60 to 350 msec for tone and 40 to 100 msec for pause.
4. The DROP button did not drop the call on pc-audio and did not provide dial tone for the next call.
5. The CAU Port Occupancy test was not supported on the switch.
6. The **status conference** command line did not work with SHIFT "R" (repeat last command) nor under error conditions.
7. An analog station with Auto Answer active lost an incoming call when the RECALL button was pushed or the receiver was hung up. Now, the analog station gets dial tone and puts the incoming call on soft hold.
8. With whisper page, on an answerback call, the pager's display was not updated.
9. When whisper page was used to page a party on a multimedia call, the whisper page answerback did not put video on hold when the voice was put on hold.
10. When a multimedia call was made to an attendant's personal extension, the call was not converted to voice and did not receive early answer treatment.

11. ISDN trunk groups with Trunk Hunt set to “descending” received descending treatment on an interface basis only, not on all interfaces in the trunk group. Now, descending treatment is performed on all interfaces in the trunk group first and then on each 'B' channel on the selected interface.
12. An error message using a TN2207 circuit pack code was incorrectly displayed. Now, the error message displays the correct TN464C circuit pack.
13. Modem administration had to be changed to external and back to internal to resolve an invalid standby alarm.
14. There was no “Location” field on System Parameters Customer Options. Now, the “Location” field on System Parameters Customer Options indicates whether the system is either in US/Canada or in all other locations.
15. On internal calls to WCBRI stations, the calling number was displayed according to the ISDN Public Unknown Numbering form and internal calls were displayed as external calls. Now, on internal calls to WCBRI stations, the calling number is displayed as a local extension number.
16. On incoming data calls to wrong, non-existent, or incompatible destinations, the call was cleared with a cause value #1 (unassigned extension) or #28 (no extension specified/incomplete extension), or #88 (call terminating to voice station). Now, on incoming data calls to wrong, non-existent or incompatible destinations, the call is cleared with cause value #88 (Incompatible Destination).
17. For locally-originated voice calls over ISDN-PRI and BRI trunks, the Bearer Capability IE was built according to the “Analog/DCP Bearer Capability” field on the DS1 form. A Progress Indicator #3 (Originator is non-ISDN) was included. For BRI trunks, the 3.1 kHz/speech encoding was taken from the BRI Trunk Board form. Now, FOR ITALY ONLY, the Bearer Capability IE and Progress Descriptor IE for analog/DCP local voice originators are built as follows:

<b>Endpoint</b>	<b>Bearer Capability</b>	<b>Progress Descriptor</b>
analog	kHz audio	included, #3 (originally non-ISDN)
DCP	speech	omitted

18. When an enhanced mode MMCH call was made over non-DCS ISDN-PRI, the caller did not get a name display update when the call was answered.
19. On an incoming call to a BRI endpoint, if the endpoint sent a Connected Party Number IE in a CONNECT message, two Connected Party Number IEs were sent in the CONNECT message to the public network. Also, on outgoing calls from BRI endpoints, if the Connected Party Number IE was received, it was not passed on to the BRI endpoint.

20. The "Version" field did not appear on the Trunk Group form for country codes 16 and 23. Now, the "Version" field appears for country codes 16 and 23 when the Group Type is CO, FX or WATS. Version "a" maintains existing 600 Ohms Input Impedance. Version "b" uses 900 Ohms Input Impedance in Brazil.
21. The calling party number was not displayed on DCS+ tandem calls.
22. The outgoing shuttle exchange cycle timer for Russian Shuttle trunks was hard-coded to 9 seconds. Now, the outgoing shuttle exchange cycle timer for Russian Shuttle trunks can be administered on the System Parameters Multifrequency Signaling form.
23. On some high capacity systems, certain digital line circuit packs had problems with display updates, corrupted lamps, or ringer control problems on the terminals. Now, digital terminals will no longer have these problems. If the problems persist on given stations, run **test board long** on the circuit pack or do a busyout/release on the individual ports.
24. The SAT hung on **clear firmware a-pnc**.
25. A call that routed through several coverage points and had a VOA announcement continued to route through the coverage path after the call was answered. Now, when the call is answered and the VOA announcement plays, the call does not continue to cover through the coverage path.
26. Changing an agent's call handling preference from percent-allocation to greatest-need or skill-level and removing one or more of the agent's assigned skills in the same operation failed. An incorrect error message was displayed.
27. Incorrect data showed up on the following: **list measurements multimedia interface hourly, list measurements expansion services mod hourly, list measurements voice conditioners hourly**.
28. The RONA timer was not reset when an agent logged out. The next agent to receive the call did not hear the number of rings specified in RONA administration.
29. **Enable wt** or **upgrade firmware wfb** did not reinitialize the WFB.
30. ISDN SSB calls that were transferred locally used the wrong UID for Path Replacement and did not time-out if too few digits were sent in the "Path Replacement Propose" message.
31. Modification numbers reported to CMS for administered vectors could be 0. Now, modification numbers reported to CMS for administered vectors are in the 1 to 255 range.
32. Administration commands that identified DS1 circuit packs did not identify the new TN2464. Now, the administration error messages identify the TN2464 as an allowed DS1 circuit pack.
33. The Lock Table in data manager was left over by some transactions.

34. A conference, transfer, or hold request by ASAI failed without notifying the ASAI adjunct. The association used to make the request was unable to make another ASAI request until it was aborted.
35. If an ASAI application made a domain control request and that request was carried out or denied, the application cleared the CRV only with an Abort message. Now, a Relinquish Control message can also be used to clear the CRV.
36. An incoming ISDN-PRI call that routed offnet was dropped by the originating switch because a PROGRESS message was not sent to stop the T310 timer.
37. MMCH did not work with serial calling.
38. Standby save translation failed at times during scheduled maintenance. Now, the software sends a second request.
39. For ATM PNC, users received an incorrect conference confirmation tone when they set up a conference call.
40. When one end of a trunk multimedia call hung up, the trunks dropped but the far end remained active.
41. With **remove attendant**, the attendant extensions were not deleted from Mct Group Extensions. An error message was not returned. Now, **remove attendant** removes the attendant extension from the mct extension group.
42. If a switch node board was not installed, **status switch** returned "Error Encountered, Cannot Complete Request." Now, the message "No SNC in system" is returned.
43. The switch did not report an IDLE event to CMS when redirected calls that originally rang at a CMS measured agent were torn down.
44. A station's security code could not be changed if the station was AWOH and the station was not assigned a port. Now, if voice TTI is enabled on Feature Related System Parameters, security codes can be changed for shared and non-shared AWOH stations.
45. A single ANI could not be associated with a specific trunk for outgoing calls. Now, the "Outgoing ANI" field on the Trunk Group form appears for CO, DIOD, FX and WATS trunk groups, and overrides the normal ANI that is sent on outgoing calls.
46. Error logs displayed false major signal/board alarms.
47. Routing a call from a non-BSR vector to a BSR vector caused a software trap because of an undefined application number. Now, the application number is validated before being used and a zero value no longer causes a trap.
48. BRI trunks companding modes were not set correctly if the circuit pack and system were administered differently. Now, the companding modes are downloaded to the circuit pack correctly.
49. There was no ICON software to log alarms against illegal circuit packs.

50. VDN skill indirection on goto vector steps were saved as skill numbers. Now, they are saved as VDN skill indirection.
51. With R3 CMS, an agent could illegally log into a 4th ACD split instead of only 3 splits.
52. The 'next' button displayed names in the wrong order if there were duplicate names on a switch.
53. CAU inline errors "Frequency Not Administered" and "Frequency Limit Violation" were not logged.
54. Processing BCMS translations took approximately three minutes when booting the switch (Reset System 3 or greater). Now, this process takes a few seconds.
55. Some goto step reference values were not correctly modified during vector editing.
56. There was a problem with TN2181 circuit packs during port insertion in a Prologix system (when all ports were translated and attached). Now, a delay between the port insertions removes the port insertion problems.
57. Dial-ahead digits with LAI were sent. Now, only the true collected digits without dial-ahead are sent.
58. Systems using LAI in vectors received incorrect traffic measurements for total system call attempts, intercom attempts and private network attempts on List Measurements Occupancy.
59. No agent state was reported to CMS if an agent was doing After-Call-Work in a group that was not measured by CMS.
60. Page 2 of the ARS Digit Conversion form was blank. Now, "FOR DATA ENTRY ONLY" is added on the title for Page 2.
61. User record audits did not clean up the ASAI records associated with a call found in a bad state. Event reports were sent to the wrong Domain Control associations when the call\_id value was re-used.
62. Incoming trunk calls that left messages on DEFINITY AUDIX displayed "extension 'TAC-of-the-trunk'" instead of the outside call indication.
63. The ACL state for the PPN ATM-EI circuit pack was not correct in High reliability configuration.
64. After a software upgrade, the status health and status port-network forms for ATM-PNC incorrectly showed the ACL as down.
65. The vector event VE\_LOOP3000 and the VE\_NO\_RESP were not generated during an ISDN time-out during BSR polling. Now, the vector events distinguish between a VE\_LOOP event and a VE\_LOOP3000 event. Also, the drop function tests for ISDN time-out and generates a VE\_NO\_RESP event if time-out occurred.

66. For ISDN trunk calls, the "Dialed Number" field on the CDR record had a trailing character 'd.' Output devices treated it as a carriage return and skewed data output. Now, the trailing character 'd' in the "Dialed Number" field is converted to an ascii '#' before being sent to the output device.
67. Activating service-observing on a data-restricted station provided confirmation feedback. Now, it provides intercept feedback and failure.
68. Tone Clock Interchanges on a ATM PNC Critical Reliability Configuration with an ATM switch resulted in temporary call failure.
69. Entering data in the "Restrict To Time" field caused an "Error Encountered; Cannot Complete Request" message.
70. During dialing, a secondary dial tone was present at the point the call went to AAR or ARS.
71. If a user dialed a UDP extension that routed to a pattern where the first preference was COR restricted but other preferences were not, the call was blocked. Now, UDP calls will check all preferences in the pattern for caller eligibility before blocking the call.
72. When 2 ISDN trunk calls were conferenced together and one trunk dropped off the call, the conference display remained. The display was not updated to the trunk group of the remaining trunk.
73. If a VRU was service-observed and the service-observing warning tone was turned on, the call hung when the VRU port dropped. Now, no tone is applied and the call does not hang.
74. Help for **upgrade firmware wfb** had a space as an option.
75. Only coverage points 1-3 were initialized to "0". Now, coverage points 1-6 are initialized to "0".
76. Outgoing ARS trunk calls had ARS digits tacked on at the end of the display.
77. There was no option for coverage treatment for an unanswered forwarded call.
78. When a PROGRESS message with a progress indicator of "inband information" was received on a CCRON call, the call was immediately redirected for further coverage. Now, a customer can specify if the switch should immediately redirect the call or wait for the "Offnet Subsequent Redirection/Call Forward No Answer Interval" to expire. To provide immediate redirection (for example, for GSM cell phone destinations in Europe), set the "Immediate Redirection on Receipt of PROGRESS Inband Information" field on System-Parameters Coverage/Forwarding to y.
79. The "Whisper Page" field on the Feature Access Code form could be administered with the version set to less than R6.
80. Indian R2MFC incoming call did not work when the "Request Call Category at Start of Call" field was set to n.

81. The Multimedia Mode and Service Link Mode field information was not displayed on **status station** and **list multimedia endpoints**.
82. If a station initiated a whisper page call towards another station and disconnected while the intrusion tone was being played, subsequent attempts to initiate whisper page to the same destination station were denied if the destination station was on the same call as when the first whisper page occurred.
83. Call classification on non ISDN end-to-end calls disregarded any answer supervision messages received from the network. Now, set the "Ignore Network Answer Supervision" field on System Parameters Coverage/ Forwarding to 'n.' Customers who pay for network answer supervision may want to set the field to 'n'. Customers who forward or cover to remote nodes in a local network using UDP numbers that jump onto the public network at the remote node may want to set the field to 'y', unless they are paying for network answer supervision at the remote node.
84. If a user associated a station with another station using PSA, calls on the associated station were dropped.
85. When a coverage call routed offnet and was not answered, the switch waited for the time specified in "Coverage Subsequent Redirection/Call Forward No Answer Interval" to expire before bringing the call back for further coverage treatment. For an offnet forwarded call the switch waited for the time specified by the "Coverage Don't Answer Interval". Now, the switch uses the "Off-Net Coverage Subsequent Redirection/ Call Forward No Answer Interval" specified on the Systems Parameters Coverage Forwarding form for both offnet coverage and forwarding calls.
86. If the cc\_test failed during the tdm\_switch for ATM PNC, the error was not reported against the right counter 2. Now, the error reports against the correct, new error code.
87. A race condition in 2 or 3 node CSSs produced crosstalk.
88. If TTI was on, and a station was changed from x to an existing port and site data was changed, no warning message was displayed. Now, "WARNING: system may override site-data when TTI is active " is displayed.
89. If a trunk group used for voice calls was translated as the MCT recorder, any attempt to transfer a trunk in that trunk group caused the call to be dropped.
90. BSR status poll calls caused poll suppression when trunk glare occurred. Now, BSR poll suppression occurs only if glare occurs on a retry.
91. A time-out or pound(#) was outpulsed on rotary PCOL trunk. Now, the time-out or pound(#) is suppressed on rotary PCOL trunk.
92. If a station initiated a whisper page answerback call and then received another whisper page, pressing the answerback button again caused incorrect displays, the current call was not put on hold, and a two-way connection was not set up with the second whisper page originator. Now, the second press of the whisper page answerback button will be denied.

93. If the service/feature for a route preference had a dual value (for example, oper-sdn), two Network Specific Facility IEs were created and sent. One contained the service value the other contained the feature value. Now, if the service/feature for a route preference has a dual value, one Network Specific Facility IE containing both service and feature values is created and sent.
94. ISDN-PRI had to be purchased to enable Usage Allocation Enhancements, QSIG Basic Call Setup, QSIG Basic Supplementary Services, and Vectoring (CINFO). Now, purchasing either ISDN-PRI or ISDN-BRI Trunks allows the use of Usage Allocation Enhancements, QSIG Basic Call Setup, QSIG Basic Supplementary Services, and Vectoring (CINFO).
95. With the link in the "I3-restarted" state, the switch used the same CRV for the heartbeat message even if the adjunct did not respond to the heartbeat message without first freeing up the CRV used in the preceding heartbeat message. Now, the switch sends an Abort message to free up the CRV if the adjunct fails to respond to the heartbeat message in a defined time limit.
96. Invalid minor alarms were generated against the ring generator (TN2202) in France.
97. An application number of zero was passed to the dial plan manager, causing the process to trap. Now, the application number value is validated before being used.
98. If the flash card was not correct, when system booted up, service could not use the command format card.
99. The "Time(sec) to Drop Call on No Answer" field appeared on the Trunk Group form only if the Group Type was CO or DIOD and the Outgoing Dial Type was mf. Valid values were 0-255. Now, the "Time(sec) to Drop Call on No Answer" also appears on the Trunk Group form if the Group Type is CO, DIOD, FX, WATS and the Country = 15. Valid values are 0-1200.
100. Status attendant did not work in a non-EAS environment if the attendant console was out-of-service.
101. Trunk ports could not be removed because of an interaction between the 'mark port' and 'trunk-group' object.
102. TN2464 circuit packs did not insert correctly.
103. When an agent un-busied from a non-ACD hunt group while a call was ringing or active for another hunt group, the agent did not receive calls from the non-ACD hunt group upon going idle.
104. Moving an AAS agent from one AAS split to another AAS split failed if the administered login ID length was not the same as the AAS member extension length.
105. CCRON calls over ISDN trunks did not work for Japan.
106. An audit tore down an MMCX-to DEFINITY ECS call after 5-20 minutes.

107. When an incoming trunk call was redirected offnet over a DCS trunk via CCRON and the caller hung up while the call was ringing at the coverage point, the call did not drop. The call continued to ring at the coverage point and the simulated bridged appearance on the principal continued to flash. Now, the call drops completely.
108. If a user called a busy party over ISDN facilities and put the call on hold, the user could not drop the call after it was taken off hold.
109. The System Parameters Coverage Forwarding form contained the "Maintain SBA At Principal (For Final CCRON Coverage Point)" field. "Ignore Network Answer Supervision" default was "y". Now, the field name is "Maintain Call Classifier For Final CCRON Coverage Point". Default for "Ignore Network Answer Supervision" field is "n."
110. When an attempt was made to assign an available TN793 port to a station, there was an incorrect error stating that the port was already assigned even though it was not.
111. If a caller left one VDN and the vector finished without routing to another VDN, then called another VDN, the information from the first VDN was used.
112. If a station caller on the branch attempted to call the attendant on the main and all trunks were busy, the caller was connected to busy tone instead of reorder tone.
113. When a bridged appearance of an analog station was answered, it caused a trap and reset.
114. Cross-talk occurred if a remote service observer hung up while observing an agent.
115. The switch reported an incremented modification number to CMS when all steps were deleted from a vector. Now, the switch reports a modification number of ZERO to CMS when all steps are deleted from a vector.
116. Major alarms appeared on the standby SPE MEM\_BD when nothing was wrong.
117. Attempting a call to BRI data modules caused call session records to hang which blocked subsequent call attempts. Now, session records are released and the BRI Data Module processes subsequent data calls.
118. If BCMS was enabled, EAS agents could not log in when there were fewer than the maximum (agents?) allowed.
119. On a G3v6si, when internal errors occurred the interface restarted and X.25 links dropped. Now, the interface does not restart and the links are not dropped.
120. For release 6.3, older TN767 circuit packs (suffix C and less) did not work with X.25 links.
121. Data module status showed "pending busy." Now, data module status shows correct status of "in service" or "out of service."

122. When Coverage of Calls Redirected Off Net was enabled on the Feature Related System Parameters form, calls that covered off net over an R2MFC trunk hung. Now, this call becomes a remote call-coverage redirected call and does not go to the next coverage point on busy/no answer.
123. If a system-wide conference tone was administered, it was applied to service-observed calls if no service observing warning tone was administered. Now, a customer option is available for the customer to choose which tone, if any, to apply to service-observed calls.
124. Calls that left vector processing, routed to a remote extension, and then later re-entered vector processing still referred to the original VDN.
125. When a DTMF/R2MFC/Russian ANI call came into one switch and was tandemed out over ISDN-PRI DCS, the ANI was not sent along and not displayed.
126. When an attendant received a call, placed an outgoing trunk call, then dropped the trunk without connecting the two calls, the CDR record showed "0" for the calling number instead of the attendant's individual extension.
127. After an ATM-PNC reset, only intra-PN calls could be made.
128. LAI reported to CMS after a glare. Now, the second LAI does not report to CMS.
129. When five stations and a trunk were on a PCOL conference call and the conference was terminated, one station was not idled.
130. A call classifier was always attached to a CCRON coverage call, even on the last coverage point. Now, the customer can set the "Maintain SBA At Principal (For Final CCRON Coverage Point)" field on the System-Parameters Coverage/Forwarding form to "n" to dispense with call classification on the last coverage point. There are no cutthru delays when the offnet destination answers the call.
131. A call classifier failed to attach to an offnet coverage or forwarded call.
132. Using a PC terminal login, **remove station**, and the up and down arrows caused the TUI to hang and the system to warm start.
133. Changing fields on the Feature Related System Parameters form caused call coverage values to go out of range on the System Parameters Coverage/Forwarding form. Now, the values are restored to the default.
134. DS1 circuit packs administered for ISDN E1 QSIG Peer Protocol used timeslot numbering for referring to all channels. Now, DS1 circuit packs administered for ISDN E1 QSIG Peer Protocol use sequential numbering for referring to all channels.
135. Answered ASAI phantom calls were not included in the call completion count of the traffic measurement report.
136. The displays were not updated correctly when there were listen-only Single Step Conference (SSC) parties in a call.

137. A silent SSC party had talk path after a hold/reconnect. Now, the silent SSC party stays in listen-only mode after hold/reconnect.
138. Only certain Lucent service logins were able to change the ISDN Networking Facilities form. Now, all Lucent service logins and certain customer logins can add non-default entries to the ISDN Networking Facilities form.
139. A calling party that placed a station-to-station call that redirected to an offnet forwarded-to destination which did not answer, heard redirect (coverage) tone and waited through a Caller Response Interval.
140. When Lookahead Interflow failed and the call was answered locally, the lookahead failure cause incorrectly went back to the caller when the answering party hung up.
141. The "yesterday-peak" and "today-peak" options of **list measurements cell-traffic [summary and cell-addr]** did not work.
142. Channel numbering for QSIG 2.048 Bit Rate ISDN boards was based on timeslot, not on sequential numbering as required by the QSIG specifications. Now, the "Channel Numbering" field appears on the DS1 form when "Bit Rate" is 2.048, "Signaling Mode" is ISDN-PRI, "Connect" is PBX, "Interface" is either peer-master or peer-slave and "Peer Protocol" is QSIG.
143. ATM PNCs could not be added.
144. While changing a login, if the wrong password was typed for the current login, the incorrect password showed up on the return message line.
145. The temporary bridged appearance was kept after a hunt call was picked up by a pickup member even if "Temporary Bridged Appearance on Call Pickup" on the Feature Related System Parameter form was set to "n". Now, the temporary bridged appearance is dropped after this takes place.
146. A glare during BSR interflow caused calls to get stuck in queue or drop. Now, if glare is detected the interflow is retried. If glare happens a second time, the call routes correctly.
147. When a CAUSE value 114 or 126 was received when an LAI call interworked with the network in France, the call dropped because the value was not being recognized. Now, an LAI call receives the proper acceptance treatment.
148. An analog station in a hunt group did not ring on an incoming toll call.
149. LEDs on the NetCons of a duplicated system did not correspond to the actual state, such as when running tests against a NetCon.
150. **List measurements call-summary** corrupted the data used by **list measurements multimedia-interface hourly**. The **list measurements multimedia-interface hourly** command displayed incorrect data for the first 2 hours listed.
151. A valid heartbeat test response was considered invalid, causing the NCA-TSC to drop prematurely.

152. If an attendant parked a call, then became "position busy" before the parked call timed-out to return to the originator, the call was redirected to any attendant and the display showed "calling party name" to "originating attendant name", instead of "calling party name" to "parking user's name."
153. In a duplicated system, if the time-of-day clock did not match between two TN1648 circuit pack SYSAMs, an alarm with error "0 0" was logged. Now, an alarm is logged against the STBY-SPE.
154. QSIG Call Completion on Busy requests were denied when DEFINITY ECS was connected to another vendor switch supporting QSIG CCBS. Now, DEFINITY ECS recognizes a PROGRESS/busy Cause IE as a valid user busy condition.
155. If a caller with an internal UID equal to x96 called a hunt group with no members and with a coverage path, the call did not cover.
156. Incorrect alarms occurred on the active MSS which affected operation and translations on tape and disk drives on the active SPE.
157. System startup and system restart failed because SCD wait time was not long enough. Now, the SCD wait time is 700 msec.
158. When an incoming call terminated to a VDN with a collect-digit vector step and multiple queue-to split/skill steps, and an agent with a single-line display phone answered the call but was not a member of the first split or skill queued, incorrect CALLR-INFO digits were displayed. Now, automatic CALLR-INFO is displayed only when the answering agent uses a two-line display phone, regardless of the agent's skill status.
159. Processor occupancy for the SM band was too high and the SM band used all the available processor idle occupancy. Now, the SM band will not use all the idle occupancy.
160. Direct Inward Dial (DID) trunk calls to an invalid extension that were directed to a night service destination that was a forwarded hunt group with no members and with coverage set to "all" caused a system reset.
161. If the date rolled over from December 31 to the next year, then a save translations was executed, and then power was lost or reset system 4 was run, the date defaulted to Friday, January 1, 1999. This did not occur when time was set to year 2000.
162. The year setting did not update correctly if the system was powered down during the year change.
163. When a call redirected to an offnet forwarded-to destination that was busy, the call did not receive coverage treatment.
164. The system restarted with message buffer exhaustion and errors. Now, only errors occur on system restart.

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