Lucent Technologies
Bell Labs Innovations

DEFINITY®
Enterprise Communications Server
G3V4 (08.0.084.1)
Change Description

555-233-403
Comcode 108334822
Issue 1
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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) Interference Information
This digital apparatus does not exceed the Class A limits for radio noise emissions set out in the radio interference regulations of the Canadian Department of Communications.

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The "CE" mark affixed to the DEFINITY equipment described in this document indicates that the equipment conforms to the following European Union (EU) Directives:

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

For more information on standards compliance, contact your local distributor.

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

Highlights

This Change Description describes the changes incorporated in DEFINITY Enterprise Communications Server (ECS), G3V4.08.0.084.1.

Highlights of Features and Enhancements

DEFINITY ECS Network Administration (DNA)

Enhanced “Save Translation” Command

Translation data is sent out via a system port and/or NetCon channel. DEFINITY ECS Network Administration can initialize its copy of the DEFINITY ECS administration data more quickly.

Log All Administration Commands

All DEFINITY ECS administration requests are recorded in the existing “list history” log. This enables DNA to keep its copy of the DEFINITY ECS administration data synchronized with the DEFINITY ECS copy of the data.

Customer Login Permission

A new customer-defined login has permission to access the command to initialize the DNA mirror-image database of the DEFINITY ECS.

International Consolidation (I-CON)

Specific International Consolidation circuit packs are designated for international (outside of the US/Canada) export.

Administration

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

```
                                                    Page   1 of X
                            OPTIONAL FEATURES

                 G3 Version: __               Maximum Ports:  300
                   Location: _
    Abbreviated Dialing Enhanced List? n                        CAS Main? n
                                         Cvg Of Calls Redirected Off-net? n
                                                        DCS (Basic)? n
 A/D Grp/Sys List Dialing Start at 01? n                DCS Call Coverage? n
Answer Supervision by Call Classifier? n               DCS with Rerouting? n
                                 ARS? y           DEFINITY Network Admin? n
                ARS/AAR Partitioning? y                        DS1 MSP? n
                      ASAI Interface? n    Emergency Access to Attendant? y
       ASAI Proprietary Adjunct Links? n           Extended Cvg/Fwd Admin? n
                                             External Device Alarm Admin? n
                                                      Flexible Billing? n
                                 ATMS? n    Forced Entry of Account Codes? n
             Audible Message Waiting? n       Global Call Classification? n
                 Authorization Codes? n              Hospitality (Basic)? y
                           CAS Branch? n  Hospitality (G3V3 Enhancements)? n
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System Parameter Customer Options screen

The Location field is set to 1 for the United States and Canada. The Location field is set to 2 for all other locations, and allows the use of International Consolidation circuit packs and terminals in DEFINITY ECS International offers.

Circuit Packs

TN791, TN2214 and TN2215 are new TN codes assigned to International Consolidation circuit packs that will be exported outside of the United States and Canada. The circuit packs are functionally identical to the TN746B, TN2224 and TN2183 circuit packs. The International Consolidation circuit packs will only work in systems outside of the US and Canada.

Standard - for use in the US and Canada	International Consolidation - For use in international offers	Description
TN746B	TN791	16 port analog line
TN2224	TN2214	24 port digital line
TN2183	TN2215	16 port analog line (used only in Australia, China, and Western Europe)
TN464	TN2464	DS1

BRI Stations and BRI Data Modules

International customers with Country Protocol set to European Telecommunications Standards Institute (ETSI) for BRI stations and BRI data modules can upgrade without affecting the ETSI setting.

List BCMS Summary VDN

The List BCMS Summary VDN display is correct when Shift-R is used to return to the command line and Shift-tab is used to clear the identifier from the previous command. List BCMS Summary VDN shows only the data from the most recent command.

Phones

Send All Calls

Send All Calls works properly on a station with a bridged appearance Administered Without Hardware (AWOH). A call to the bridged appearance results in one abbreviated ring at the bridged appearance before the call is sent to coverage.

Call Coverage

A call that fails to redirect to an offnet coverage point because no trunks are available is left at the ringing coverage point and can be answered.

Change Descriptions

The following problems are corrected and addressed in DEFINITY Enterprise Communications Server (ECS), G3V4.08.0.084.1.

1. The "shift-R" "shift-tab" key sequence did not work with a modified BCMS summary report request.
2. If a call executed a vector route-to step on ISDN B-Channel negotiation, the CMS tracking was not recorded.
3. If there were approximately 200 or more long holding-time trunk calls in the system, ACA caused a System Restart.
4. The Logged-in Agent count in the Display System Capacity screen was higher than the number of agents logged in.
5. A non group II MFC call did not terminate to the VDN extension.
6. Display capacity showed the wrong system limit for the Queue Status Buttons field.
7. Reset system 3 toggled attendant group-service between day mode and night mode. Now, reset system 3 sets attendant group service into night mode.
8. A goto time-of-day vector step allowed a combination of “all” with a specific day.
9. Tandem trunk retry failures caused DID/tie intercept announcements to play on all channels on the announcement board.
10. When the outgoing trunk display was turned off and there was no ISDN name/number information on a call, displays of outgoing ISDN trunk calls with q-calls information appeared only briefly.
11. Central-office to central-office connections (for example, DID calls forwarded or transferred offnet) had instability (singing) caused by a too-high transmission level.

12. CDR records had the wrong date after midnight.
13. DCS transparency was lost because DCS calls saved all the processed message buffers for the duration of the call. This caused a shortage of DCS message buffers in the switch. Now, the number of messages saved per DCS call is limited to the messages required.
14. When TTI was used to disassociate a station that was a logged-in ACD agent with calls, calls to other logged-in agents were not tracked by BCMS.
15. The VDN Override rules for display were not followed when a RONA occurred. Displays for agents who received a call after a RONA showed the original (incorrect) VDN.
16. If an observed VDN was transferred to another VDN that had an announcement step, the observer was removed from the call.
17. Incoming ISDN calls to legitimate but unadministered extensions (on a switch with no administered attendants) resulted in a DISCONNECT message with the incorrect cause of invalid number format.
18. Using the data extension button on a voice terminal to remotely drop a call (also known as Return to Voice) did not work if the data module associated with the button was busy.
19. A station that was service-observed could not place a data extension call because the warning tone interfered. Now, data calls cannot be service-observed.
20. TTI of BRI stopped working because of translation corruption.
21. After saving translations and rebooting, display attendant resulted in an "Error Encountered Can't Complete Request" message.
22. An internal software audit dropped a caller when a VOA announcement was playing and a service observer was on the call.
23. The SAT hung during clear firmware a-pnc or clear firmware b-pnc.
24. If a multi-channel RESTART message was received for all channels that were active when a link went down for more than 90 seconds, and if the channels were still in a near end out of service state when the RESTART was processed, we did not respond to the RESTART message. The far end waited for its T316 timer to time out and resend the RESTART message.
25. A race condition occurred if an observer tried to observe someone who was also trying to observe someone and the 2 actions were simultaneous. The station record of one of the parties became corrupted. The station could not be observed, or be an observer unless it was removed and re-added.
26. When the pound sign was pressed or when interdigit timeout occurred, the pound sign was outpulsed on an outgoing PCOL trunk.

27. When BCMS was set to half-hourly reporting, executing 'list bcms <object> time <start> <end>' with the end time less than the start time resulted in "no data in system to list" on the report.
28. Changing bridged extension translations caused bridged translation table corruption. This resulted in a System Reset 3.
29. Translation uploads and downloads caused corruption because administration changes were allowed while uploads and downloads occurred.
30. A call with a VOA announcement and several coverage points continued to route through the coverage path after the call was answered and the VOA announcement played.
31. Reset board (test 53) failed on an announcement board of TN750C vintage 8 or later.
32. When a caller abandoned a service-observed ACD call that was queued to a skill and also connected to a VRU port, the call was not torn down. When an agent became available in the skill for that queue, the service-observer was connected to the agent in a listen-only mode. The agent could not hear the observer and the agent's display showed the observer's name and extension.
33. When an abbreviated dial system/group list was administered, the SAT screen displayed list numbers starting at 01, then redrew the list numbers starting at 11.
34. The RONA timer did not reset when an agent logged out. The next agent to receive the call did not get the full number of rings as defined by the RONA value.
35. When a system port was idle, calls to the port were blocked and the caller received busy tone.
36. When a call went to a service-observed VDN coverage point on a blind transfer, the VDN caller and service observer received reorder tone.
37. Digital-line circuit packs on high-capacity systems caused incorrect display updates, corrupted lamps, and ringer control problems on the phones. If the problems persist on certain phones, run "test board long" on the board or do a busyout/release on the individual ports.
38. Invalid minor alarms were generated against the ring generator (TN2202) in France.
39. A transfer out of AUDIX failed if the transfer was to a station with Send All Calls active to an external coverage point with an analog outgoing trunk.
40. The LAI attempt was reported twice to CMS when a glare (second attempt) was encountered. Now, only the first LAI attempt is reported.
41. List history did not completely show unique entries for stations or other objects that were added using the duplicate command. List history did not show the abbreviated dial or autodial programming administered from a phone.

42. Customer-level logins could not perform upload translation. Now, a single customer-level login is given permission to do an upload translation so that this login can be used by DNA to initialize its mirror-image database of the switch.
43. When a call ringing at a coverage point failed to redirect to an offnet coverage point because no trunks were available, the call was left at the ringing coverage point but it could not be answered.
44. Cross-talk occurred if a remote service-observer hung up while observing an agent.
45. If an attendant parked a call and became busy before the parked call timed out, instead of returning 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."
46. AUDIX agents went into ACW in a non-existent hunt group (hunt group 0).
47. The ICON offer is now supported. See the Highlights section of this Change Description.
48. Authorization Codes were displayed on a display phone when they were administered not to be displayed.

Feature or category	See item numbers
A	
Abbreviated Dialing	33, 41
Administered Connections	35
Administration	8, 20, 29, 41, 42, 47
Administration Without Hardware (AWOH)	20
After Call Work (ACW)	46
Agents	4, 15, 34, 44, 46
Announcement Circuit Pack	31
Announcements	9, 22, 30, 31
Attendants	7, 21, 41, 45
Audio Information Exchange (AUDIX)	39, 46
Authorization Codes	48
Autodial	41
Automatic Call Distribution (ACD)	4, 14, 32, 34
Automatic Circuit Assurance (ACA)	3
B	
Basic Call Management System (BCMS)	1, 14, 27
Basic Rate Interface (BRI)	20
Bridged Appearance	28
C	
Call Coverage	11, 30, 36, 39, 43
Call Detail Recording (CDR)	12
Call Management System (CMS)	2, 40
Call Park	45
Call Vectoring	2, 8, 16, 30, 36, 40
Center Stage Switch (CSS) Duplication	23
Circuit Packs	31, 47
D	
Data Module	18
DEFINITY Network Administration (DNA)	42
Digital Phones	37
display capacity	4, 6
Displays	10, 37, 45, 48
Distributed Communications System (DCS)	13
Downloads	29
Dropped Calls	34
E	
Electronic Tandem Network (ETN)	13
Expert Agent Selection(EAS)	2
H	
Hunt Groups	34, 46
I	
Integrated Services Digital Network (ISDN)	2, 10, 17, 24
L	
list history	41
Logins	41, 42
Loss Plan	11
M	
Maintenance	31, 38
Management Information System (MIS)	2, 40
Multifrequency code (MFC)	5
N	
Night Service	7
P	
Personal CO Line (PCOL)	26
Ports	35
Private Lookahead Interflow	40
Public Lookahead Interflow	40
R	
Redirected On No Answer (RONA)	15, 34
Restarts	24
Return to Voice	18
Ringing	43
Routing	34
S	
Send All Calls	39
Service Observing	16, 19, 22, 25, 32, 36, 44
System Administration Terminal (SAT)	21, 23, 33, 41

Feature or category	See item numbers
System Capacity	4, 6
System Parameters Customer Options	47
System Resets	7, 28
T	
Tape	29
Terminal Translation Initialization (TTI)	14, 20
Timers	34
TN750C circuit packs	31
Tones	35
Transfers	11, 36, 39
Translation Corruption	20, 21, 25, 29
Translations	42
Trunks	9, 10, 11, 39
U	
Uploads	29
V	
Vector Directory Numbers (VDN)	5, 15, 36
Vector Originating Announcements (VOA)	22, 30
Voice Response Unit (VRU)	32

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