



APPENDIX **B**

USE-DIAL-PLAN Token Routing Impact

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When a subscriber makes a call to an interLATA number, the Cisco BTS 10200 Softswitch routes the call via the interLATA Carrier (PIC1) assigned to the subscriber. The call is then routed via the route guide ID provisioned in the CARRIER Table. If the Service Provider (SP) is also providing the long distance service, the SP can make use of the USE-DIAL-PLAN token in the CARRIER Table. When USE-DIAL-PLAN flag is set in the CARRIER Table, the Cisco BTS 10200 Softswitch bypasses the CARRIER routing and instead routes the call based on the route specified in the DESTINATION Table.

If the NPA-NXX-(X) of the dialed number is defined in the PORTED-OFFICE-CODE Table and the dialed number is not defined locally on the BTS 10200 Softswitch, then the BTS 10200 Softswitch launches an LNP Query. If the LNP Query returns an LRN, the call is routed based on the LRN. Otherwise, the call is routed based on the route specified in the DESTINATION Table for the original dialed number. If policy based routing is required, the DESTINATION Table is provisioned with the ROUTE-GUIDE-ID. Otherwise, it is provisioned with a ROUTE-ID.

Table B-1 shows how the USE-DIAL-PLAN token in the Carrier table impacts routing.

Table B-1 Impact of the USE-DIAL-PLAN Token on Routing

Type of Call	USE-DIAL-PLAN=Y	USE-DIAL-PLAN=N
NAT 1+ Call	Route based on dial plan.	Route based on Carrier table.
OPR 101XXXX+0-, 00 Operator Call	Based on EA-USE-PIC1 flag in the Subscriber Profile table. If the EA-USE-PIC1 flag is set to N, the call is routed to the LEC OSS, else use PIC1. If a Carrier supports operator services, use the route guide defined in the Carrier table, else use LECOSS-RG.	Same as USE-DIAL-PLAN=Y
NAT-OPR (101XXXX) 0+ call	Based on EA-USE-PIC1 flag in the Subscriber Profile table. If the EA-USE-PIC1 flag is set to N, the call is routed to the LEC OSS, else use PIC1. If a Carrier supports operator services, use the route guide defined in the Carrier table, else use LECOSS-RG.	Same as USE-DIAL-PLAN=Y
SAC SAC call (500, 700, 900)	Route based on dial plan.	Route based on Carrier table.

Table B-1 Impact of the USE-DIAL-PLAN Token on Routing (continued)

Type of Call	USE-DIAL-PLAN=Y	USE-DIAL-PLAN=N
DA Directory assistance (DA, DA-TOLL)	Route based on dial plan.	Route based on Carrier table.
TOLL-FREE Toll-free call (8XX)	Route based on dial plan.	Route based on Carrier table.
INTL (101XXXX) 011+ International call	Route based on international dial plan.	Route based on Carrier table.
INTL-OPR (101XXXX) 01+ international operator call	Based on EA-USE-PIC1 flag in the Subscriber Profile table. If the EA-USE-PIC1 flag is set to N, the call is routed to the LEC OSS, else use PIC1. If a Carrier supports operator services, use the route guide defined in the Carrier table, else use LECOSS-RG.	Same as USE-DIAL-PLAN=Y
CUT-THRU 101XXXX+#	Use Carrier information; use the route guide defined in the Carrier table.	Same as USE-DIAL-PLAN=Y
COIN/Hotel-Motel Coin line (OLI = 23, 27, 70) Hotel motel line (OLI = 6)	Treated as an operator call. If a Carrier supports operator services, use the route guide defined in the Carrier table, else use LECOSS-RG.	Same as USE-DIAL-PLAN=Y