

NI 1 Solution, SL-100 to 5ESS.txt

When establishing PRI service from the SL-100
(releases MSL-17 and prior) to the 5ESS
(release 5E16.2) as NI1, follow these
instructions:

1. Whether using FAS or NFAS configuration, program only one D channel.
2. In view 5.2 of the 5ESS, set PRI TYPE to STD and B CHAN SERV to N.
3. In table LTDEF of the SL-100, set the variant to NTNAPRI. Set the issue to AV.
4. Enable all B channels in both switches first. Then enable the D Channel.

If this procedure is not followed, the D channel in the SL-100 will stay in the L0 state while the D channel in the 5ESS will show L3ERR. This is due to a difference in the protocol discriminators (3 vs. 43) of the restart messages between the 2 switches. The 5ESS expects to receive a restart message with protocol discriminator 43. However, the SL-100 restart message has discriminator 3. As a result, the 5ESS cannot determine the B channel numbers and ceases it's attempt to bring the B channels on-line. The 5ESS then sends out a layer 2 DISC message.