

CENTREX SERVICE

NO. 5 CROSSBAR TANDEM — APPLICATION WITH STEP-BY-STEP CENTREX

DIRECT INWARD DIALING ARRANGEMENTS

A No. 5 crossbar tandem can switch traffic to DID extensions of a P.B.X. that have been assigned 7-digit numbers with a separate central office designation for each P.B.X. For routing purposes, the P.B.X. is treated as a tributary of the No. 5 crossbar tandem. The use of this plan can be wasteful of central office codes.

It is possible on a non-standard basis to provide one code in a No. 5 crossbar tandem to serve a maximum of ten P.B.X.'s by using the "1XX" translator in the completing marker. Each P.B.X. would be assigned a different thousands digit. Listed number traffic can be routed over the in-dialing group or to the line link frame appearances of the ninth level trunks.

DIRECT OUTWARD DIALING

Two methods are available for handling outgoing calls from step-by-step Centrex installations.

- a. Route all outgoing traffic over ninth level trunks that terminate on line link frames. AMA can be provided for trunk identification. However, extension identification can be done only on an operator identified CAMA basis.
- b. Split the outgoing trunk groups from the step-by-step Centrex offices. Provide one trunk group with an access code direct to the No. 5 crossbar CAMA tandem. This will permit extension identification on an operator identified basis and will require only one switch through the No. 5 crossbar office. Provide a second group to terminate on No. 5 crossbar line link frames to reach local service area points and service codes.