

subject: PBX Systems: 756 and 757 PBX Connections to
Traffic Measurement System No. 1-A



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FOR YOUR INFORMATION

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file no. [gl: 71-04-105
other:

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to: General Traffic Managers (Copies to Chief Engineers)

MR. *[Signature]*

from: Traffic Operations Director - Business Services

synopsis: New 756 and 757 PBX's have been arranged to provide traffic usage leads to the Traffic Measurement System No. 1-A (TMS1-A).

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Development work has been completed to provide busy signals to the TMS1-A Remote Scanner from selected circuits in the 756 and 757A PBX's. Until now, there has been no practical way to measure usage on these PBX's. As a result of this development it will be possible to obtain essential traffic usage data on attendant positions, selected circuits and trunks of properly equipped 756 and 757 PBX's in the future.

The new 757A PBX will be available in April and the modified 756 PBX will be available during the 2nd Quarter of 1971. For a period of time both the old and new type PBX's will be stocked by Western Electric. Therefore, when a PBX with traffic usage capability is desired, the traffic order should specify that the control cabinet and all circuits and trunks be arranged for TMS1-A connection. Once the Western Electric supply of the old type 756 and 757 PBX's is depleted, this procedure will be necessary only when reused Class C stock is to be provided.

The usage cross-connect points on these PBX's are specially designed for plug-in connection with the TMS1-A, but may be modified in the field for use with other types of mechanical usage collection devices.

Traffic Business Services Facilities Engineering Notes - Customer Telephone Facilities - Traffic Measurement System No. 1-A dated January 1971 provides connection information. E.L. 1097 has additional ordering information on the 756 PBX and E.L. 737 contains additional information for the 757 PBX.

The interconnection tariffs with their implications, with regard to potential inroads on existing Bell System PBX's, makes it imperative that we obtain all possible usage data to do a satisfactory Engineering and Administration job. Recent studies indicate that 756 and 757 PBX customers are prime interconnection targets. Therefore, we strongly

recommend that you take advantage of this development and arrange to have all future 756 and 757 PBX's you order equipped with traffic usage measurement capabilities.

Questions regarding this development may be referred to R. W. Brooks on Area Code 212 393-2442.

A handwritten signature in black ink, appearing to read "DK Bane". The signature is written in a cursive, slightly slanted style.

Traffic Operations Director