BELL SYSTEM PRACTICES
Transmission Engineering and Data
Exchange Area Transmission Practices

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INFORMATION SERVICE

CONTENTS

1. GENERAL

1.01 This section presents transmission considerations involved in the provision of information service. Information operators furnish, upon request, the telephone numbers of subscribers' stations.

1.02 Frequently information and intercept service are combined. Since intercept is more complex from a transmission standpoint, it is covered in a separate practice.

1.03 Information service may be local or centralized. For local service, the subscriber-to-operator connection involves only a loop and the operator's telephone circuit. Centralized information service involves a trunk between the subscriber's central office and the building where the centralized information operator is located. The effective loss of this trunk is an important factor in determining the quality of the information service.

2. TRANSMISSION CONSIDERATIONS

2.01 In multioffice exchanges arranged for centralized information service, direct trunks are provided from each central office to the information bureau associated with that particular office. The objective losses of these trunks should be in accord with the long range design objectives for local trunks between the same locations. Where it is feasible to approach these values earlier, the information service will be benefited, since the subject material consists entirely of names and numbers which are basically more difficult to transmit than general conversation.

2.02 Trunks from toll to information should be designed at Via Net Loss (VNL) +2 db if the toll office is arranged for 2-wire switching based on VNL design. However, if the information operator's telephone circuits have been arranged for improved return losses at the low frequencies it may be practicable to operate the trunks from toll to information at their Via Net Loss.

2.03 Transmission considerations relating to information operator's circuits and equipment are the same as covered in Sections AB22.171.1, AB22.171.2, and AB22.171.3.