

UNITED STATES DEPARTMENT OF AGRICULTURE
Rural Electrification Administration

BULLETIN 1751H-601

SUBJECT: Lightwave Fundamentals, Systems, and Application

TO: All Telephone Borrowers
REA Telephone Staff

EFFECTIVE DATE: Date of Approval

EXPIRATION DATE: Three years from effective date

OFFICE OF PRIMARY INTEREST: Transmission Branch,
Telecommunications Staff Division

PREVIOUS INSTRUCTIONS: This bulletin replaces the following
Telecommunications Engineering and Construction Manual
Sections:

TE&CM 970, Fundamentals of Lightwave Transmission
TE&CM 971, Lightwave Terminology
TE&CM 974, Lightwave Terminal Equipment
TE&CM 976, Lightwave System Application Guidelines

FILING INSTRUCTIONS: Discard the following
Telecommunications Engineering and Construction Manual
Sections:

TE&CM 970, Fundamentals of Lightwave Transmission
TE&CM 971, Lightwave Terminology
TE&CM 974, Lightwave Terminal Equipment
TE&CM 976, Lightwave System Application Guidelines

Replace with this bulletin.

PURPOSE: To provide information on various aspects of
lightwave technology. This bulletin includes a basic
description of the fundamentals of lightwave transmission, a
description of various lightwave terminal equipment, and
guidelines for the design of a lightwave system. All
information in this bulletin is advisory.

George Pratt
05/17/91
Acting Administrator

Date

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