TECHNICAL SPECIFICATION

FOR

EQUIPMENT DIRECTLY CONNECTING TO SDH

ISSUED BY

BOTSWANA COMMUNICATIONS REGULATORY AUTHORITY

Document Number: **TS0058**
Revision: **Original V1**
Date: **11 December 2015**

Technical Specification for Equipment Directly Connecting To SDH

Contents

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Scope

This specification applies to any equipment connected to SDH devices.

Where terminal equipment supports more than one interface type, each interface must meet the requirements applicable to it. It may therefore be necessary to make reference to additional specifications.

Entry into Force

This specification shall enter into force on 15/01/2016.

Document History

Description	Status	Date
Equipment Directly Connecting To SDH	Original V1	11/12/2015

Health, Safety, and Generic Emissions

The following universal specifications shall be applied.

TS0001: Health, Safety and Generic Emissions of Radio and Telecommunications Terminal Equipment.

Technical, Spectrum and EMC Requirements

The following specifications shall be applied.

ETSI ETS 300 232/A1 ed.1 (1996-03)
Transmission and Multiplexing (TM); Optical interfaces for equipments and systems relating to the Synchronous Digital Hierarchy (SDH) [ITU-T Recommendation G.957 (1995), modified]

ETSI ETS 300 300 ed.2 (1997-04)
Broadband Integrated Services Digital Network (B-ISDN); Synchronous Digital Hierarchy (SDH) based user network access; Physical layer User Network Interfaces (UNI) for 155 520 kbit/s and 622 080 kbit/s Asynchronous Transfer Mode (ATM) B-ISDN applications

ETSI ETS 300 814 ed.1 (1998-03)
Digital Video Broadcasting (DVB); DVB interfaces to Synchronous Digital Hierarchy (SDH) networks

Important Note: The revision numbers of the documents given in the approval standard are the minimum standards that apply. Should updated versions of these documents be published, the latest version will always apply. This also applies to documents where no revision number is currently quoted.

Obtaining Technical Standards

ETSI technical standards may be obtained free of charge for individual use from the ETSI web site. www.etsi.org

CENELEC, IEC and CISPR standards may be obtained at cost from, or through www.cenelec.org and from www.iec.ch respectively.