TECHNICAL SPECIFICATION

FOR

EQUIPMENT CONNECTING TO HIGH SPEED SERIAL INTERFACES (HSSI)

ISSUED BY

BOTSWANA COMMUNICATIONS REGULATORY AUTHORITY

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Technical Specification for Equipment Connecting to High Speed Serial Interfaces (HSSI)

Contents

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Scope

This specification applies to any equipment that may be connected to public HSSI services in Botswana.

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.

Equipment covered by this specification includes, but is not limited to the interfaces of the following service types:

- X.25
- Frame relay
- Other services offering HSSI connections

Entry into Force

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

Document History

Description	Status	Date
Equipment Connecting to High Speed Serial Interfaces (HSSI)	Original V1.1	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.

ANSI/TIA/EIA-612
Electrical Characteristics for an Interface at Data Signalling Rates up to 52 Mbit/s.

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.

Additional Requirements

No additional requirements exist for equipment connecting to High Speed Serial Interfaces (HSSI)

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.