

## Chapter 1

### INTRODUCTION

The CREDIT Programmers Guide is designed to complement the training courses, and can also be used as a self study guide for application programmers to acquaint themselves with CREDIT on the Philips Terminal System (PTS). It gives the reader information for further reading in the form of cross-references to other PTS documentation.

This module introduces the subject of CREDIT programming for Data Communication applications. Chapter 2 describes the statements necessary for handling Point-to-Point connections, and gives examples of each one. Chapter 3 describes the statements for Multipoint connections, and gives an example of each one. Chapter 4 extends this information, with regard to connections to networks.

Note: the various options described in Chapters 2 and 3 may not apply to all Data Communication Drivers, but are based on drivers DRDC17: BSC Point-to-Point, and DRDC07: HDLC Multipoint. If any other driver is used, reference should be made to module M15A, Data Communication Drivers Reference, for details of the options available for each instruction.

In addition, while it is possible to write the necessary code to handle DC in a CREDIT application, by use of this module together with M4A, the reader is advised to refer to M15A if more details on the driver actions are required.

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In the chapter on Point-to-Point the term DLS (Data Link Station) is used. This term refers to the software/hardware interface composed of the driver and the channel unit. Each physical DC line constitutes one DLS, so one computer may contain more than one DLS.

When discussing multipoint and network connections, the term DTE (Data Terminal Equipment) is generally used for the end-point of a data link, and this term is used in the Chapters 3 and 4, instead of DLS.

It is only important to the CREDIT programmer to know what mode or state the DLS or DTE can be put into (e.g. "Active", "Disconnected") as a result of each instruction, and this is described in the following chapters.

| At the foot of appropriate pages in this guide the CREDIT instruction mnemonics are shown, to provide a quick reference to module M4A, CREDIT Reference Manual.