NCR CENTURY

101 - 200 - 300

DIAGNOSTIC SYSTEM

RELEASE 5

NCR

DUNDEE SCOTLAND

NCR ADVANCE COPY IN FIELD ENGINEERING

FILE	Systems 76
MODEL	All 101's, 200's, & 300's
TYPE	Information
DATE	
BUL. NO.	

NCR CENTURY COMMON DIAGNOSTIC SYSTEM RELEASE 5

This bulletin supersedes NCR Century Systems Information Bulletin Nos. 74-0090, 331, 74-0101, and 72B. These bulletins, which contain information about previous diagnostics, should be removed from the file and destroyed.

COMMON DIAGNOSTIC LIBRARY RELEASE 5

This release of the diagnostics is called the Common Diagnostic System. This one library will operate on any NCR Century System from the 101 up to and including the 300 system. The diagnostic programs contained on the library are the same, regardless of the system type. The only difference between system types will be the media package contents.

This library may be identified by the Owner's ID in the Volume Header. It will read "NCR CENTURY COMMON SERVICE LIBRARY REL. NO. 5 X* SOFTWARE REL. 8C.2".

The operating software for this library will be RELEASE 8C.2 with the installation code of A8080080. For clarification of the installation code, refer to Pub. No. 25, Data and Media Oriented tab, of the Utility Routines, Binder No. 212. This software will have the ability to support the 646/647 Train Printers.

REASON FOR UPDATE

The principal changes for this release is with the Level 1 A/R Programs. Many of the programs have been changed to correct known problems and/or to make improvements to them. The EZLOAD Executive has been changed to operate with a 200 system as well as the 101 and 251/300 systems. Having a common library will make the diagnostic library usage the same, regardless of which system it is used on. This should enhance its usage to the Field Engineers. The error reports, calling procedures, option switch usage, etc., are standardized between the system types. There are additional A/R programs that have been changed to operate with the EZLOAD Executive.

* X will indicate F,P or S for Full, Primary or Secondary Library.

CREATE DISC CONTROL STRING (CREATDKC)

Introduction

Due to the size requirements of the Common Service Library, unique libraries will be created according to the disc pack type. The size requirement has made it necessary to divide the library onto two discs when using the smaller 655 and 656 disc drives. The designation for these will be "PRIMARY" and "SECONDARY." The PRIMARY being the EZLOAD OPERATING SYSTEM programs and communication multiplexer group. The SECONDARY being the older program using the DEX Operating System and the low usage peripheral programs. The 657 disc pack will contain all of the above and will be designated as "FULL."

Operation

The CREATDKC control string has been changed to enable the creation of either the Primary, Secondary, or Full libraries, depending on the disc and library type it is creating from and/or to. It has the capability of creating from and to any disc type; 655, 656, or 657. If there is a Full library on a 657 disc pack, it will create a duplicate library on another 657. If the destination pack is a 655 or 656, it will request input of library type before creating a Primary or Secondary library. It also is capable of creating a Full library on a 657 pack if you have a Primary and a Secondary library on 655 or 656 packs.

CREATDKC requires that the Master Pack be on D01 and the pack to be created on D02. The only exception to this is when a Full library is being created from a Primary and a Secondary pack. In this situation, D01 must be the Primary, D02 must be the pack to be created, 657 pack only, and D03 must be a Secondary library.

DISTRIBUTION

NCR CENTURY COMMON DIAGNOSTIC SYSTEM
EZLOAD SIMPLIFIED USAGE PROCEDURE

DOCUMENT INDEX