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IBM System/370 Remote Information Retrieval and Management System (RIRMS)

General Information Manual

**Program Product 5746—XR1 (DOS/VS)
5740—XR2 (OS/VS)**

Program Product

The Remote Information Retrieval and Management System (RIRMS) processes information files composed of documents characterized by descriptors. The files can be queried in batch and/or online dialog mode to provide selective dissemination of information and retrospective search results.

RIRMS is designed to operate under CICS (CICS DOS STANDARD for RIRMS DOS Release 1, CICS DOS/VS for RIRMS DOS Release 2, CICS OS/VS for RIRMS OS) in a DOS/VS or OS/VS environment.

This manual is a survey of the operational concepts and capabilities of the system. It is an introduction to the advantages and functions of RIRMS and is intended for anyone interested in information retrieval.

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This is a major revision of, and obsoletes, GH 19-1049-0. Changes to, additions to, or deletions from the text and illustrations are indicated by a vertical line to the left of the text.

Significant changes or additions to the specifications in this publication will be reported in subsequent revisions or Technical Newsletters.

Changes are continually made to the specifications herein.

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Documentation centers are rapidly becoming overburdened at a time when their functions grow increasingly essential, and the need for automated document retrieval is becoming more acute day by day.

An automatic document retrieval system must perform two principal functions:

- Data Base Creation and Maintenance: Because of the increasing amount of printed matter available today (books, reports, articles, magazines, patents, etc.), this function is of prime importance. RIRMS offers the user the possibility of creating and maintaining large data bases and of deleting or replacing all or part of a document.
- Search: There are two types of request. For each type of request there is a suitable type of search.

The user may wish to be made aware of documents on a permanent basis as they appear on subjects with which he is constantly concerned. By means of a batch mode search, RIRMS responds to such permanent requests, called profiles, and supplies the answers (Selective Dissemination of Information).

The user may wish to make a retrospective search. That is, he may need to know which documents, recent and non-recent, contain answers to a specific question. The shortest response time possible is required for this type of search. By means of an online dialog mode search in a simple, interactive language, RIRMS offers the user the answers at a display terminal. In addition, RIRMS furnishes hard copy of the terminal display.

The principal areas of application for RIRMS are in government, industry (such as manufacturing, process, engineering, distribution), research and development laboratories, education, and libraries.

This manual describes the operational concepts and capabilities of RIRMS and explains how the user goes about taking advantage of them.