

ELLIOTT

9000

Volume 2: PROGRAMMING INFORMATION

Part 7: MAGNETIC TAPE ROUTINES

Section 6: QMSTAT

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Chapter 1: INTRODUCTION

1.1 Function

To check the status of a magnetic tape.

1.2 Form of Distribution

The routine is distributed on a SIR mnemonic tape, part of the MTBLOCK tape.

1.3 Method of Use

The program is assembled and entered as a SIR subroutine.

1.4 Configuration

The minimum configuration for running this program is a 903 central processor with 8192 words of store, a magnetic tape controller and at least one magnetic tape handler.

Chapter 2: FUNCTIONS

2.1 Check Status Word

Enter by: 11 QMSTAT
8 QMSTAT + 1
0 FT

where 0 FT points to the file table.

2.2 Exit

The routine exits with a status word in the A-register. Exit is standard to the second location after entry.

If the appropriate bit is one, the meaning implied is:

Bits 18-3 Undefined.

Bit 2: Handler in Manual, all other bits undefined.

Bit 1: Handler busy, rewinding.

2.3 Store Used

QMSTAT occupies 11 locations.