

SPECIFICATION NO. 1558 ..... for B.C.R.A. .....

This box contains your 903 library tapes as listed.

New and revised tapes will be sent to you as they become available, upon our receipt of the 'A' card which is contained at the front of the first binder of your 903 Technical Manual. Copy No. 100 .....

Elliott-Automation Computers Ltd.,  
Technical Manuals & Tapes Section  
Data Processing Division.

SOFTWARE (VOLUME 2)

- ✓ 903 ALGOL TAPE 1 (TRANSLATOR)
- ✓ 903 ALGOL TAPE 2 (INTERPRETER)
- ✓ 903 ALGOL TAPE 3 (LIBRARY)
- ✓ 903 AIC
- ✓ 903 ATC
- ✓ 903 COPY TAPE
- ✓ 903 C4
- ✓ 903 EDIT
- ✓ 903 MONITOR
- ✓ 903 QATAN (B10)
- ✓ 903 QBINOUT (T17)
- ✓ 903 QCHECK (C2)
- ✓ 903 QCOPY
- ✓ 903 QDAATAN (B105A)
- ✓ 903 QDASIN (B104A)
- ✓ 903 QDASQRT (B106A)
- ✓ 903 QDLA (E1A)
- ✓ 903 QDLB (E1B)
- ✓ 903 QEXP (B2)
- ✓ 903 QF
- ✓ 903 QFIN/OUT
- ✓ 903 QFMATH
- ✓ 903 QIN1 (T5)
- ✓ 903 QLN (B1)
- ✓ 903 QOUT 1 (T6)
- ✓ 903 QPLOT
- ✓ 903 QSIN (B4)
- ✓ 903 QSQRT (B6)
- ✓ 903 QT2OUT (C9)
- ✓ 903 SIR
- ✓ 903 T2
- ✓ 903 T2 (RELOCATABLE)
- ✓ 903 T22-23

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DAILY TEST PROGRAMS (VOLUME 3)

Basic (Except DPA1 + 201)

- ✓ 903 X2
- ✓ 903 X3
- ✓ 903 X4

DPA 241

- ✓ 903 X50

DPA 221/231

- ✓ 903 X51

DPA 381

~~903 X52~~

## TECHNICAL MANUAL AND PROGRAM UPDATING SERVICE

This is a brief introduction to the Technical Manual and Updating Service.

When you have completed and returned a copy of the Standard Program Record Sheet the Company undertakes to furnish you with any new/revised information relating to the program and the Technical Manual you hold. Until the Company receives the completed record sheet your program/program documentation cannot be serviced by the Company. The Company must be notified of any change of address of the user to continue maintenance of the service.

Any information needed to update your Manual will be issued in the form of a Software Release Notice (SRN) and/or a Software Documentation Release Notice (SDRN). Information of errors and/or restrictions to a program will be issued in the form of a Software Alert Notice (SAN) followed by a SRN and/or SDRN (once the said error and/or restriction has been eliminated).

### Software Enquiry Forms

These are standard forms issued to users to enable them to report errors/suspected errors of points of clarification to the Company.

### Software Alert Notice (SAN)

A SAN can originate from either the user or supplier of a program detecting an error which is found to cause certain restrictions to use of that program. A SAN is released to all users of that program either with details of a course of action to be followed or an estimated period for a remedy to be found for the problem.

A SAN will remain in operation until a program or re-issue of a program has been released to rectify the error and/or restriction.

### Software Release Notice (SRN)

A SRN is released after the faults of a SAN have been overcome or on issue of a new program. All media associated with the program will be clearly marked with the SRN number and this number will be unique (being referenced to the program to which it refers).

### Software Documentation Release Notice (SDRN)

A SDRN is released whenever a new program is released, or an existing program is re-issued, or a program is withdrawn. The SDRN will give details of the issue of information (i. e. new and/or revised pages, instructions, etc.) necessary to the updating of the documentation. Each SDRN will have a unique number (related to the program for which the documentation is being released).

## NEWSLETTERS

These will provide periodic information on releases or re-issues of programs. They will also contain information on programs that have been developed by other than Company's Services, and which are considered valuable to users of machines marketed by Marconi-Elliott Computer Systems Ltd.

Any queries from users regarding the contents of the 900 Technical Manual Volume 2 or the Software packages described therein should be directed to:

Programming Services Manager,  
Software Division,  
Marconi-Elliott Computer Systems Ltd.,  
Elstree Way,  
BOREHAMWOOD, HERTS.

Tel: 01-953-2030  
Ext. 3292



900 TECHNICAL MANUAL

VOLUME 2: PROGRAMMING INFORMATION

PREFACE

The 900 Series Programming Manual Volume 2 consists of 5 binders as follows:

Vol. 2A - This contains a Standard Software Catalogue

Contents List

Details of the Programming Language MASIR (2.1.1) to item MTALGOL Subroutines (2.1.4) in the catalogue.

Vol. 2B - This contains a Contents List

Details of MTFORTRAN Subroutines (2.1.5) to item C4 (2.2.18) in the catalogue.

Vol. 2C - This contains a Contents List

Details of the Utility program T22-23 (2.3.1) to item Magnetic Tape Routines i.e. MTCALL, MTINIT etc., (2.7.9) in the catalogue.

MC2/144 - This consists of two binders which contain a Contents List of the Software for 900 Series 12-bit machines and details of this software.

In completing this Manual every possible care has been taken to ensure its accuracy, but it must be understood that this Manual is not a Contract Document and we accept no responsibility for errors or omissions or for any damage to or by the equipment.

If the equipment described in this manual is transferred by the Purchaser to another party of this Manual or parts. We are willing that this Manual or appropriate contents should in such event be used as part of, or in conjunction with, a Manual which may be issued by the Purchaser, subject to suitable acknowledgement being made to use and subject to our approval as to the content.

900 TECHNICAL MANUAL  
VOLUME 2: PROGRAMMING INFORMATION  
CONTENTS LIST (VOLUME 2A)

- PART 1: PROGRAMMING LANGUAGES  
Section 1: MASIR  
Section 2: ALGOL  
Section 3: FORTRAN  
Section 4: MTALGOL Subroutines