

**MINISIS USERS' GROUP
MEETING 1991**

IDRC
CRDI
CIID



C A N A D A

**ARCHIV
91584**

The International Development Research Centre is a public corporation created by the Parliament of Canada in 1970 to support technical and policy research designed to adapt science and technology to the needs of developing countries. The Centre's five program sectors are Environment and Natural Resources, Social Sciences, Health Sciences, Information Sciences and Systems, and Corporate Affairs and Initiatives. The Centre's funds are provided by the Parliament of Canada; IDRC's policies, however, are set by an international Board of Governors. The Centre's headquarters are in Ottawa, Canada. Regional offices are located in Africa, Asia, Latin America, and the Middle East.

Le Centre de recherches pour le développement international, société d'État créée en 1970 par une loi du Parlement du Canada, a pour mission d'appuyer l'exécution de recherches qui, dans le domaine technique et dans celui des politiques, ont pour but d'adapter les sciences et la technologie aux besoins des pays en développement. Ses cinq secteurs d'activités sont : l'environnement et les richesses naturelles, les sciences sociales, les sciences de la santé, les sciences et systèmes d'information, et les initiatives et affaires institutionnelles. Le CRDI est financé par le Parlement du Canada, mais c'est un conseil des gouverneurs international qui en détermine l'orientation et les politiques. Établi à Ottawa, au Canada, il a des bureaux régionaux en Afrique, en Asie, en Amérique latine et au Moyen-Orient.

El Centro Internacional de Investigaciones para el Desarrollo es una corporación pública creada en 1970 por el Parlamento de Canadá en apoyo de la investigación técnica y de política concebidas a adaptar la ciencia y la tecnología a las necesidades de los países en desarrollo. Los cinco programas sectoriales del Centro son Medio Ambiente y Recursos Naturales, Ciencias Sociales, Ciencias de la Salud, Ciencias y Sistemas de la Información, y Asuntos Corporativos e Iniciativas. Los fondos del Centro provienen del Parlamento de Canadá; sin embargo, las políticas del CIID son trazadas por un Consejo de Gobernadores de carácter internacional. La sede del Centro está en Ottawa, Canadá, y sus oficinas regionales en América Latina, África, Asia y el Medio Oriente.

This series includes meeting documents, internal reports, and preliminary technical documents that may later form the basis of a formal publication. A Manuscript Report is given a small distribution to a highly specialized audience.

La présente série est réservée aux documents issus de colloques, aux rapports internes et aux documents techniques susceptibles d'être publiés plus tard dans une série de publications plus soignées. D'un tirage restreint, le rapport manuscrit est destiné à un public très spécialisé.

Esta serie incluye ponencias de reuniones, informes internos y documentos técnicos que pueden posteriormente conformar la base de una publicación formal. El informe recibe distribución limitada entre una audiencia altamente especializada.

IDRC-MR317e
March/Mars 1992

Proceedings
of the 12th Annual
MINISIS Users' Group Meeting

Compte rendu
de la 12^e Réunion annuelle
du Groupe des Utilisateurs de MINISIS



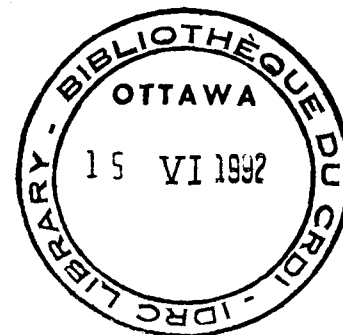
MUG '91

United Nations Economic Council for Latin America and the Caribbean (UN-ECLAC)
and the University of the West Indies (UWI)

le Conseil économique des Nations Unies pour l'Amérique latine et les Caraïbes
(UN-CEPALC)
et la University of the West Indies (UWI)

Port of Spain, Trinidad and Tobago
April 29 – May 3, 1991

Port of Spain, Trinité et Tobago
du 29 avril au 3 mai 1991



INTERNATIONAL DEVELOPMENT RESEARCH CENTRE
Ottawa • Cairo • Dakar • Montevideo • Nairobi • New Delhi • Singapore

CENTRE DE RECHERCHES POUR LE DÉVELOPPEMENT INTERNATIONAL
Ottawa • Dakar • Le Caire • Montevideo • Nairobi • New Delhi • Singapour

ARCHIV
681.3.02
MINISIS
M 55
1991

Material contained in this report is reproduced in the original language of presentation, English, French or Spanish. It is produced as submitted and has not been subjected to peer review or editing by IDRC Publications Unit staff. Unless otherwise stated, copyright for material in this report is held by the authors. Mention of proprietary names does not constitute endorsement of the product and is given only for information.

Les textes de ce rapport sont reproduits dans la langue originale de présentation, le français, l'anglais ou l'espagnol. Ils sont reproduits tels qu'ils ont été soumis, sans examen par des pairs ni révision par le personnel de la Section des publications du CRDI. À moins d'indication contraire, les droits d'auteur de ce rapport appartiennent aux auteurs. La mention d'une marque déposée ne constitue pas une sanction du produit; elle ne sert qu'à informer le lecteur.

ISBN 0-88936-632-2

Table of Contents

MINISIS: Future Directions Martha Stone	1
MINISIS Version H Terry Gavin	7
MINISIS Integrated Library System Overview Bob McKercher	11
MINISIS Version H, Technical Information Richard Lee	17
The Application Specification Toolbox Richard Lee	71
Bilingual Thesauri and Indexing Anne Barkworth and Sylvain Lemieux	117
An automated circulation system for CDS/ISIS Ron Davies	145
L'utilisation de MINISIS à l'Assemblée Populaire Nationale Algérienne TALEB Seddik	147
Opening "Windows" on MINISIS Virginia Ballance	151
Moving data from MINISIS to Desktop for Publishing WandaJane Phillips	157
Roundtable - Menu Drivers/Online Assistance Programs Mr. Witold Merkis	159
La formation sur MINISIS en Afrique Noire KAMENI Dieudonné	163

The Applications of Optical Disc Technology at Pao Sui-Loong Library of Shanghai Jiao Tong University in China Zheng Qiao-Ying and Yang Zong-Ying	169
PAHO/BIREME CD-ROM Retrieval Interface Abel L. Packer, Ricardo Piva, Adalberto O. Tardelli, Elenice de Castro, Marcia Y. Barreto, and Roberto S. Pereira	175
The Canadian Provinces Database: MINISIS and CDS/ISIS Ruta Wittaker and Alan Welch	181
Transferencia de dBase a MINISIS Mario Jimenez	193
Integrated Database Implementing the CCF on CDS/ISIS Alan Hopkinson	195
UNFLATTEN A tool every MINISIS database manager is looking for. Peter van Boheemen	201
MEDLINE under MINISIS Abel L. Packer, Adalberto O. Tardelli, and Marcia y. Barretto	205
Managing Change: The case of using MINISIS at S.N.D.T. Women's University Library, Bombay, India MKR Naidu	211
Library automation at JNU using MINISIS software A.K. Anand and T. Viswanadham	215
El Manejo de la Información de la Exploración Petrolera en la Empresa Colombiana de Petróleos - ECOPETROL. Ing. José Rafael Ortiz O.	229
Descripcion del Sistema Automatizado el la REPIDISCA Rosa Siles	255
Republica de Columbia Departamento Administrativo del Servicio Civil Jairo Ivan Roa Bedoya	263
MINISIS System Management Richard Palmer	271

On-line Document Delivery using MINISIS Marcia Y. Barretto and Abel L. Packer	293
IMF Fund Accounting System Susan Turner and John Nesbitt	303
Centro de Recursos de MINISIS para América Latina Enrique Barreto Pastrana	309
The Establishment of MUG Malaysia and The Role of AFHB, a Member of MUG Malaysia Razali Hj Sirat	317
New Progress in the Application of MINISIS in China Jiang Xiangdong and Ju Changao	325

Authors

Library automation at JNU using MINISIS software

A.K. Anand and T. Viswanadham

The Jawaharlal Nehru University library set its pace towards automation in January 1987 when it acquired a PC-AT computer for the DEVINSA Project which was financed by IDRC. The library also trained a few staff members under a computer expert from Marga Institute, Colombo. The training was for INMAGIC and CDS/ISIS application softwares.

HP 3000 computer

The University decided on full scale Library automation by acquiring an exclusive computer system and suitable software for the Library. After several deliberations the Library Automation Committee decided on the purchase of a HP Micro 3000/XE Computer System, with 4 Megabyte RAM, 571 & 81 Megabyte Hard Disks, 4 terminals, a console, and printers. The MINISIS software was also decided to be acquired from IDRC.

The Computer was eventually installed in the month of June 1989. Mr. Bob McKercher from IDRC installed the G.00 Version of MINISIS and imparted the training to the library professional staff in the same month.

catalogue

During the following quarter different sample data bases were created and tested. The library opted for a changeover to the AACR II and to follow CCF format for data input. From November 1989 the input of cataloguing data started and a moderate database of 11,000 records of Science, Social Science and Humanities books was created. Outputs were taken in different formats along with indexes. In addition, a database of retrospective records amounting to 3000 entries of Spanish and German books was also created.

The thesis database in social sciences, is also in the offing, which includes the theses and dissertations submitted to JNU and is expected to be a valuable source for users of social science information.

From the catalogue - database, a monthly list of additions is being generated and distributed to users for information on new additions to the library.

From the Catalogue database the catalogue cards in the conventional 5 1/2" x 3", size are being generated and multiple copies of cards are obtained by duplication. The maintenance of Card Catalogue was necessary since the users at present have no direct access to computer terminals and are using the card catalogue only, besides the fact that major portion of the holdings are in the card catalogue form.

Documentation

Records of periodical articles (15,000) from social Sciences Journals are already entered in the documentation database. On the average, monthly input of these articles is around 1000 records. The database is capable of meeting the requirements of social scientists and other users of social science information in terms of search by author, subject (geographical area), title, Journal title and word searches. The feedback from users was encouraging. The effort to introduce SDI Service to individual faculty members has been started by collecting their profiles.

SUCHIKA

The SUCHIKA, a monthly list of selected Social Science articles is being currently published from computer output from the Documentation database. In addition partial lists of interest to various centres of studies is also taken out and distributed on monthly basis. The list is supported

by author and subject indexes and list of periodicals indexed.

Newspaper clippings

The news items and editorials in the newspapers constitute a widely used primary source of information. The database on newspaper clippings has been designed with same data structure as that of documentation database. Around 4000 news items and editorials pertaining to South Asia have been input into the database. Scope for this database will be extended to other areas in the near future.

Journal Holdings & Serials control

A database of Journal holdings of the JNU Library has been designed. The data input has been started by inputting the entries in the format required for union catalogues. This database contains 56,000 volumes/records for the bound journals.

The CHECKIN Processor of the MINISIS has been tried for serials control with some sample inputs in the database. The regular serial control will be started soon using MINISIS CHECKIN processor.

DEVINSA Project

The DEVINSA (Development Information Network for South Asia) project formed under the Committee on Studies for Cooperation and

Development in South Asia, primarily aims at providing an information network for South Asian countries, in the field of socioeconomic development of the region. The JNU Library is Indian Focal Point for the network. The products of this project are, the DEVINSA monthly Bibliography and the DEVINSA abstracts (Semi-annual) published from July 1987.

India and World Affairs Project

This project was taken up, to present 40 years' data (1947 to 1987) on Indian Foreign Policy. Data for three decades has been processed. First two volumes for first two decades (1947-57, 1958-67) were published.

The Library has ambitious plans towards adopting the latest information technology. The catalogue is expected to be online within a short period with terminals provided in the user areas and work places. Some important databases available on magnetic media are proposed to be subscribed. The Library is also taking active interest in participating in the networking plans at different levels like DELNET and INFLIBNET. (Delhi Libraries Network and Information and Libraries Network).

Conversion of INMAGIC & CDS/ISIS databases to MINISIS

The library has two major databases, INDIA'S FOREIGN POLICY with 35000 records and DEVINSA database with 10,000 records in the INMAGIC and CDS/ISIS formats. It is difficult to manage such big databases in PC environment. Hence it is being planned to convert these databases

into MINISIS format. Quite easily one can have the Print format report for the INMAGIC records in a form which can readily go into Minisis using BATCHIN PROCESSOR (as shown in Appendix Z.1). Already sample study has been carried out with satisfactory results.

As far as CDS/ISIS records are concerned ISO 2709 FORMAT for exporting the records has been quite useful. This procedure is being used for exporting CDS/ISIS data into MINISIS format.

BATCH JOBS

Besides this, JNU library has introduced number of batch jobs which make the day to day routine work much easier. For example the job for "Printing of Suchika: Index to Periodical Literature", consists of following procedure and steps.

Example 1

Printing of Suchika from documentation database involves A) Printing of Main Entries B) Printing of Subject Index C) Printing of Area Index D) Printing of List of Journals Indexed.

A. Printing of Main Entries is achieved through following steps

A.1 Selection of records using Query Processor.

A.2 Flattening on Subject Codes and Translating Subject Codes into Broad subjects using Data Submodel.

A.3 Merging of flattened database into a temporary/transaction database and this is done by

A.3.1 Loading records into CD using ISOCONV Processor;

A.3.2 Dumping of 150 file into temporary/transaction database using ISOCONV Processor.

A.3.3 Purging 150 file and resetting file equation using MPE Commands.

A.4 Sorting of records by subject codes, subsort by Author and then by Title using Index Processor.

A.5 Renumbering the Indexed file using RENUM Processor.

A.6 Printing sorted file using Print Processor.

A.7 Purging Query and index files using MPE Commands.

B. Printing of Subject Index (Descriptors) is achieved through following steps

B.1 Sorting records by Subject using Index Processor.

B.2 Printing sorted file using Print processor.

B.3 Purging Index Files using MPE Commands.

C. Printing of Area Index is achieved through following steps:

C.1 Sorting records by Area using Index Processor.

C.2 Printing sorted file using Print Processor.

C.3 Purging of Index Files using MPE Commands.

D. Printing of List of Journals Indexed is achieved through following steps:

D.1 Sorting records by name of the Journal.

D.2 Printing of sorted file.

D.3 Purging of Index files using MPE commands.

Steps from A.2 through A.3.3 are executed in a single go by streaming job JMERG1 as given in Appendix I.1

Steps from A.4 through D.3 are executed in a single go by streaming job JMAIN1 as given in Appendix 1.2

So, by streaming just two jobs whole procedure of printing of Suchika along with Indexes is finished.

It may be noted that jobs for making Subject Index is stored in a file JXSUB as given in Appendix 1.3; job for making Area Index is stored in a file JXAR as given in Appendix 1.4 and job for making List of Journals Indexed is stored in a file JXJRNL. These jobs have been called and executed within job JMAIN1.

Example 2

In the next example, Twelve partial interest lists have been generated through one job stored in a file

JFCLTY as given in Appendix 2.1.

By streaming next job J9XF (as given in Appendix 2.2) previously generated lists are sorted, renumbered and printed.

Example 3: Data Entry for a Duplicate Book

If an operator encounters a duplicate record while making an entry for a book, then he/she saves previous record and streams the job stored in a file JDUPL1 (as given in Appendix 3). Duplicate record gets entered into the database and then Book No. and Accession Numbers are changed. Thus operator saves his time by avoiding retyping of all the bibliographical details for a duplicate record.

In all the MPE Accounts, a text file called NOTES

has been created. One can look up for work/job to be executed, Database name, save File name and Job name to be streamed as given in Appendix 4.

APPENDIX 1.1

(File JMERRI)

```
!JOB MERG1,MGR.TRAINA
!FILE ISO=ISO1;DEV=DISC
!RUN ISOCONV.UTILITY.MINISIS;LIB=P
LOAD FROM=DSDOC2,TO=SUCHIKA1
HITFILE=ML
!RUN ISOCONV.UTILITY.MINISIS;LIB=P
DUMP FROM=SUCHIKA2,TO=DOC3
SUBSET=ALL
!PURGE ISO1
!EOJ
```

APPENDIX 1.2

(File JMAIN1)

```
!JOB MAIN1,MGR.TRAINA
!RUN INDEX.PUB.MINISIS;LIB=P
DOC3
ALL
OUTPUT=XDUPL
KEY=A970,LENGTH=20
FIELD=A970
END
KEY=AU,LENGTH=200,UPSHIFT=YES,KEEP=NO
FIELD=A301
ALTERNATIVE=A200,STRIP=ARTICLE
END
KEY=AU2,LENGTH=50
FIELD=A302,OCC=1
END
KEY=TIT,LENGTH=200,UPSHIFT=YES,KEEP=NO
FIELD=A200,STRIP=ARTICLE
END
***
!RUN RENUM.UTILITY.MINISIS;LIB=P
DOC3
XDUPL
1,3
A000,REP
!RUN PRINT.PUB.MINISIS;LIB=P
DOC3
P3DP
HITFILE=XDUPL
END
```

```
!PURGE XDUPL
!PURGE XDUPRDD
!STREAM JXS
!STREAM JXAR
!STREAM JXJRNL
EOJ
```

APPENDIX 1.3**(File JXSUB)**

```
!JOB XSUB,MGR.TRAINA
!RUN INDEX.PUB.MINISIS;LIB=P
DOC3
ALL
OUTPUT=XSUB
KEY=SUB,LENGTH=100
FIELD=A620,OCC=ALL
FIELD=B620,OCC=ALL
END
***
!RUN PRINT.PUB.MINISIS;LIB=P
DOC3
PIDX
HITFILE=XSUB
END
!PURGE XSUB
!PURGE XSUBDD
EOJ
```

APPENDIX 1.4

(File JXAR)

!JOB XAR,MGR.TRAINA

!RUN INDEX.PUB.MINISIS;LIB=P

DOC3

ALL

OUTPUT=XAR

KEY=AREA,LENGTH=100

FIELD=C620,OCC=ALL

END

!RUN PRINT.PUB.MINISIS;LIB=P

DOC3

PIDX

HITFILE=XAR

END

!PURGE XAR

!PURGE XARDD

!EOJ

APPENDIX 2.1**(File JFCLTY)**

!JOB FCLTY,MGR.TRAINA

!RUN QUERY.PUB.MINISIS;LIB=P

DOC3

*SETSDI ON

DEFAULT A970

=S1EC + S1R

SAVE Q1

\$

=S1H + S1PO + S1S2

SAVE Q2

\$

=S1S2 + S1PO

SAVE Q3

\$

=S1G + S1R + S1EC

SAVE Q4

\$

=S1S1 + S1PS + S1S2

SAVE Q5

\$

=S1ED + S1S2 + S1PS

SAVE Q6

\$

=S20 + S21 + S22

SAVE Q7

\$

=S24@

+ S272

SAVE Q8

\$

=S2S4 + S23

SAVE Q9

\$

=S271

SAVE Q10

\$

=S25

+ S251

SAVE Q11

\$

=S25 + S252 + S253 + S272 + S28

SAVE Q12

\$

EXIT

!EOJ

APPENDIX 2.2**(File J9XF)**

```

!JOB XJ9F,MGR.TRAINA
!RUN INDEX.PUB.MINISIS;LIB=P
DOC3
HITFILE=Q1
OUTPUT=XQI
KEY=A970,LENGTH=40
FIELD=A970
END
KEY=AU,LENGTH=200,UPSHIFT=YES,KEEP=NO
FIELD=A301
ALTERNATIVE=A200
END
***
!RUN RENUM.UTILITY.MINISIS;LIB=P
DOC3
XQI
1,3
A000,REP
!RUN PRINT.PUB.MINISIS;LIB=P
DOC3
P3DP
HITFILE=XQ1
END
!PURGE Q1
!PURGE Q1DD
!PURGE XQ1
!PURGE XQ1DD
!CONTINUE
!RENAME Q2,Q1
!CONTINUE
!RENAME Q2DD,Q1DD
!CONTINUE
!RENAME Q3,Q2
!CONTINUE
!RENAME Q3DD,Q2DD
!CONTINUE
!RENAME Q4,Q3
!CONTINUE
!RENAME Q4DD,Q3DD
!CONTINUE
!RENAME Q5,Q4
!CONTINUE
!RENAME Q5DD,Q4DD
!CONTINUE
!RENAME Q6,Q5
!CONTINUE
!RENAME Q6DD,Q5DD
!CONTINUE
!RENAME Q7,Q6
!CONTINUE
!RENAME Q7DD,Q6DD
!CONTINUE
!RENAME Q8,Q7
!CONTINUE
!RENAME Q8DD,Q7DD
!CONTINUE
!RENAME Q9,Q8
!CONTINUE
!RENAME Q9DD,Q8DD
!CONTINUE
!RENAME Q10,Q9
!CONTINUE
!RENAME Q10DD,Q9DD
!CONTINUE
!RENAME Q11,Q10
!CONTINUE
!RENAME Q11DD,Q10DD
!CONTINUE
!RENAME Q12,Q11
!CONTINUE
!RENAME Q12DD,Q11DD
!CONTINUE
!EOJ

```

APPENDIX 3**(File JDUPL1)**

```
!JOB DUPL1,MGR.MALICK
!PURGE BATCH1
!FILE OUTFL=BATCH1;DEV=DISC;SAVE;NOCCTL
!RUN PRINT.PUB.MINISIS;LIB=P
SS1
PBSCH
HITFILE=DUPL
END
!RESET OUTFL
!FILE BATCH=BATCH1;DEV=DISC
!RUN BATCHIN.UTILITY.MINISIS;LIB=P
SS1
LENGTH=80
STRIP=YES
EXIT
!RESET BATCH
!PURGE BATCH1
!EOJ
```

APPENDIX 4

(File NOTES)

FIRST PROOF

```

*****
DATABASE          SAVE-FILE          STREAM          PRINT FORMAT
SS1                PF1SS1             JP1SS1          P1SCH
SC1                PF1SC1             JP1SC1          P1C
HUM1               P1HUM1            JP1HUM1         P1SCH
*****

```

CARDS

```

*****
SS1                C1SS1              JCSS1           P3S
SC1                C1SC1              JCSC1           P3C
*****

```

MONDAY DISPLAY

```

*****
SS1                MSS1               JMSS1           P6S
SC1                MSC1               JMSC1           P6C
*****

```

DUPLICATE ENTRY

```

*****
SS1                DSS1               JDSS1           PBSCH
SC1                DSC1               JDSC1           PBSCH
*****

```

```

PBSCH -- BATCH FORMAT --SS1 -- J9DSS1
          FOR          SC1
          DUPLICATE    HUM1

```

APPENDIX Z.1

Name of format: HPDEV1

Name of data structure: DEVINSA1

Date created: 04/18/91

Date last modified: 04/18/91

A. PAGE DEFINITION

Enter physical page length (number of lines): 80

Enter top margin (number of lines): 0

Enter bottom margin (number of lines): 0

Enter maximum page width (number of characters): 80

Enter number of blank lines between records: 1

Enter whether record may be broken across pages (Y/N): N

Enter whether underline characters should print as spaces (Y/N):

Enter whether to pause between pages (Y/N): N

B. USER QUESTION DEFINITIONS**C. CALCULATION DEFINITIONS****D. PAGE LAYOUT****E. RECORD LAYOUT**

1. @LIST, COLUMN 1 - 80
2. '!REC-ID'
3. IDN, BEGIN '!IDN!'
4. SRN, BEGIN '!SRN!'
5. RCS, BEGIN '!RCS!'
6. STN, BEGIN '!STN!'
7. RRN, BEGIN '!RRN!'
8. ACN, BEGIN '!ACN!'
9. LOC, BEGIN '!LOC!'
10. DLV, BEGIN '!DLV!'
11. DTP, BEGIN '!DTP!'
12. ORG, BEGIN '!ORG!'
13. LNG, BEGIN '!LNG!'
14. @PARAGRAPH, COLUMN 1 - 80
15. PAU, BEGIN '!PAU!', SEPARATE '!PAU!'
16. @LIST
17. AFF, BEGIN '!AFF!'
18. CBR, BEGIN '!CBR!'
19. TIT, BEGIN '!TIT!'
20. TRT, BEGIN '!TRT!'
21. PAG, BEGIN '!PGN!'
22. CBG, BEGIN '!CBG!'
23. TIG, BEGIN '!TIG!'
24. SER, BEGIN '!SER!'
26. VPS, BEGIN '!VPS!'
27. PGN, BEGIN '!PGN!'
28. PGS, BEGIN '!PGS!'
29. PUB, BEGIN '!PUB!'
30. DAT, BEGIN '!DAT!'

- 31. COL, BEGIN '!COL!'
- 32. CON, BEGIN '!CON!'
- 33. @PARAGRAPH, COLUMN 1 - 80
- 34. COB, BEGIN '!COB!', SEPARATE '!COB!'
- 35. @LIST
- 36. ISB, BEGIN '!ISB!'
- 37. ISS, BEGIN '!ISS!'
- 38. PRI, BEGIN '!PRI!'
- 39. NTS, BEGIN '!NTS!'
- 40. GEA, BEGIN '!GEA!'
- 41. DPC, BEGIN '!DPC!'
- 42. DSC, BEGIN '!DSC!'
- 43. SUB, BEGIN '!SUB!'
- 44. @PARAGRAPH, COLUMN 1 - 80
- 45. PDS, BEGIN '!PDS!', SEPARATE '!PDS!'
- 46. SDS, BEGIN '!SDS!', SEPARATE '!SDS!'
- 47. @LIST
- 48. ABS, BEGIN '!ABS!'
- 49 @LIST
- 50. OPR, BEGIN '!OPR!'
- 51. DIN, BEGIN '!DIN!'
- 52. DRV, BEGIN '!DRV!'