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|CORPORATE UNIT          |LOCATION        |DEPT.                         |
| TIO                    | SBPC           | Systems Software Support     |
|-----------------------------------------------------------------------|
|TO                                              |DATE                   |
| TIO Software Support Personnel                 | October 28, 1982      |
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|FROM                          |DEPT. AND LOCATION                       |
| Derek Hedges                 | Systems Software Support - SBPC         |
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SUBJECT: c.c.
   System Software Releases

The reason for this memo is that we just got a request for the
source code for some patches that were recently released in
object code update form.   Source code is only released with Mark
releases and Patch releases.   I am assuming that if there has
been one request, there will probably be others.   The purpose of
this memo is to explain TIO software release policy as I under-
stand it.

A Mark release of the system software is made whenever new
program products or major software enhancements are added.   The
following information describes a Mark release.

WHO: The B 1000 Mark 10.0 System Software Release.

WHAT: Object code for all system software components.
          Source code for all system software components.
          Descriptions for all changes since the Mark 9.1 release.

WHERE: From the Programming Activity to TIO.
          From TIO to SDS, Software Distribution Services.
          From SDS to the field.
          (SDS used to be called PPD, Program Products Distribution.)

WHY: New program products, e.g. BNA, WFL.
          Major software enhancements.

WHEN: The 10.0 release was made in August 1981.
          The 11.0 release is scheduled for April 1983.

ALIAS: SBPC system software is called "native-mode" system software
          as opposed to "CMS" system software which comes from Scotland.

          The initial 10.0 release is also known as the 10.0.19
          release because it contained MCPII 10.0.19.

A Patch release of the system software is made to correct any
problems associated with the Mark release.   The following infor-
mation describes a Patch release.

WHO: Patch Release 1 to the B 1000 Mark 10.0 System Software.

WHAT: Object code files for all system software components that
          have been patched since the initial Mark release.
          Descriptions of all included patches.
          Control files for source program recompilation.
          Source code files for source orogram recompilation.

WHERE: From the Programming Activity to TIO.
          From TIO to SDS, Software Distribution Services.
          From SDS to the field.

WHY: To correct problems in the Mark release.

WHEN: Patch Release 1 to the B 1000 Mark 10.0 System Software
          was made in January 1982.

ALIAS: Patch Release 1 to the B 1000 Mark 10.0 System Software
          is also known as the 10.0.41 release because it contained
          MCPII 10.0.41.

Prior to March 1982, paper patch releases were made on a monthly
basis.   Paper patches contained listings of control files and
source code files for source program recompilation.   Paper
patches had to be transcribed from paper to computer readable
media, combined with all prior Mark 10.0 patches, and compiled
with the original sources released with the Mark 10.0 release.
They were sent directly from TIO to district offices and then to
the field.   Their advantage was quick response to user problems.
Their disavantage was that the process of using the paper patch
mechanism to generate updated object code files was so cumbersome
and error prone that almost no Burroughs field representatives
would use it.   As a solution to that problem, TIO sent object
code updates on magnetic tape to the district offices on a demand
basis. The disadvantage to that solution was that it put us into
the time consuming software distribution business.

Since March 1982, as a solution to both of those problems, TIO
initiated preliminary releases of object code updates on a
periodic basis to regional distribution points. The following
information describes an preliminary release.

WHO: Preliminary release of object code updates
          to the B 1000 Mark 10.0 System Software

WHAT: Object code files for all system software components that
          have been patched since the initial Mark release.
          Descriptions of all included patches.
          No control files.
          No source code files.

WHERE: From the Programming Activity to TIO.
          From TIO to:
                West   Sam Reagle   Denver, Colorado
                Midwest   Bill Bauer   Minneapolis, Minnesota
                Northeast   Andria Anania   Philadelphia, Pennsylvania
                Southeast   Larry Bell   Atlanta, Georgia
                SDC/F&SSG   Ted Yama   McLean, Virginia
                International   Al Harbeck   Detroit, Michigan

WHY: To correct problems in the Mark release.

WHEN: The last preliminary release of object code updates
          was made in September 1982.

ALIAS: The last preliminary release of object code updates
          is also known as the 10.0.112 release because it contained
          MCPII 10.0.112.

Control files and source code files will be made available within
the USA on a individual demand basis upon receipt of a FCF
stating the specific source patch needed and the reason for the
need. As an exception to the above rule, control files and
source code files are included in the release to International.