TO: MSPM Distribution
FROM: K. J. Martin
SUBJECT: BX.3.10, BX.3.11, BY.11.05

These three documents are being re-issued because all
three procedures are being combined into one segment in
order to use internal static data storage.

Identification

Continue Command
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Purpose

The continue command is used in conjunction with unclaimed_signal
(see BY.11.05). Continue causes control to be returned
to the point in a procedure where a user-defined condition
was signalled which had not been enabled previously in
the process.

Usage

The user issues the command

                continue

Implementation

Continue, the cancel command (BX.3.11), and unclaimed_signal
all utilize the same internal static label variables.
All three are contained in one procedure segment. Continue
proceeds as follows:

1)   Continue uses a label variable which was set in internal
     static by unclaimed_signal.

          dcl continue_label label internal static;

2)   If continue_label has not been set by unclaimed_signal,
     the continue command is inappropriate. Continue
     announces the error to the user and returns.

3)   If the label has been set, continue then executes a
     non-local go to which causes control to go to
     unclaimed_signal. Unclaimed_signal updates continue_label
     with the values saved in its automatic storage, then
     returns to its caller (signal) which returns to the
     place where the unenabled condition was signalled.