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.