UNZAP$ – Un-Apply Zap From File

The UNZAP$ routine is available to un-apply a zap (i.e. an encoded patch) from a file.

1. Invocation

To un-apply a zap from a file code:

```
CALL UNZAP$ USING zq file
```

where zq is a control block of the following format and file is an FD specifying a file, which must be closed when UNZAP$ is called:

```
01   ZQ
  02  ZQPT                        * TABLE OF ADDRESSES + PATCHES
   03 ZQELEM OCCURS 2500 PIC X(2)
  02  ZQTB                        * INDEX TO ADDRESSES IN PT
   03 ZQTBL OCCURS 313 PIC 9(4) COMP
  02  ZQNAME     PIC X(8)         * LIBRARY MODULE NAME, OR SPACES
  02  ZQCODE     PIC 9(4)         * RETURNED ERROR CODE
  02  ZQVOL      PIC 9(2) COMP    * 1 = VOLUME PATCH
  02  ZQFTYPE    PIC 9(2) COMP    * 0 = NO FILE-ID CHECK
                                  * 1 = FILE-ID CHECK
                                  * 2 = PROGRAM-ID CHECK
                                  * 4 = COMPILATION-ID CHECK
  02  ZQCHECK    PIC 9(2) COMP    * 0 = CHECK PREVIOUS CONTENTS
```

2. STOP Codes and Exception Conditions

No STOP are generated by UNZAP$.

The following EXIT codes may be returned by UNZAP$:

EXIT code	$$COND	Description
21501	1	Error opening file.
21502	2	File not found.
21503	3	Patch location beyond file extent.
21504	4	Match not found.
21505	5	Zap already applied.

3. Programming Notes

UNZAP$ is reserved for internal-use only.

4. Examples

[EXAMPLE REQUIRED]

5. Copy-Books

None.

6. See Also

ZAP$ Apply Zap to File