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 UTLDEF.B32 - UTILITY DEFINITION MACROS FOR BLISS PROCESSING
 OF STARLET DEFINITION MACROS.
 Version 'V04-000'
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 MODIFIED BY:

V02-001 REFORMAT Maria del C. Nasr 01-Aug-1980
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macros to extract offsets, field widths, etc., from field extraction macros

MACRO \$BYTEOFFSET (OFFSET, POSITION, WIDTH, SIGN) = OFFSET%;
 MACRO \$BITPOSITION (OFFSET, POSITION, WIDTH, SIGN) = POSITION%;
 MACRO \$FIELDWIDTH (OFFSET, POSITION, WIDTH, SIGN) = WIDTH%;
 MACRO \$EXTENSION (OFFSET, POSITION, WIDTH, SIGN) = SIGN%;
 MACRO \$FIELDMASK (OFFSET, POSITION, WIDTH, SIGN) =
 (1^(POSITION+WIDTH) - 1^POSITION)%;

macro to generate eqlst constructs

MACRO

```
SEQULST(P,G,i,S)[A]=  
  %NAME(P,GET1ST_ A) =  
    %IF NUL2ND_ A  
      %THEN (I) %COUNT*(S) ! assumes i, s always generated by conversion program  
    %ELSE GET2ND_ A  
  %FI %
```

GET1ST_(A,B)=

GET2ND_(A,B)=

NUL2ND_(A,B)= ! known non-null

%NULL(B) %;

RM

.M

SR
SS

RMSCALLS
MAR

RMSTDXLNK
R32

RM532MAC
MAR

RMSTDXMAC
R32

UTLDEF
R32

UTLDEFUND
R32

RMSTDXDEF
R32

NTOMACROS
MAR

RMSLST

RMSMCMAC
MAR

RMSINTDEF
LST