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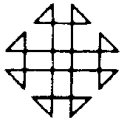


PROGRAM NUMBER

065006

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CONTRIBUTED PROGRAM LIBRARY SUBMITTAL FORM
(for IBM S/360, 1130 and 1800)

IBM Corporation
Program Information Department (PID)
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Attention: Program Control Desk

This form should be completed and submitted with the program package to PID at the address shown above. Standards and instructions for submitting programs are in your *User Group Reference Manual* or the *Contributed Program Submittal Standards Manual* available from PID.

- ① Program Order Number (to be filled in by PID) 360D-06.5.006
- ② System Type (machine) S./ 3.6.0
- ③ Search Key C O N V E R T S U N I V A C - 1 1 0 8
F L O A T I N G P O I N T N U M B E R T O
I B M - 3.6.0 F L O A T I N G P O I N T
- ④ Name of Author (if different than submitter's)
- ⑤ Submitter's Name (direct technical inquiries to) UN YOUNG RHEE
- ⑥ Submitter's Address SOUTHWEST CENTER FOR ADVANCED STUDIES
P. O. BOX 30365
DALLAS, TEXAS 75230
- ⑦ Title of Program UNIVAC-1108 TO IBM-360 FLOATING POINT INTERNAL CONVERTER
('CVFLO8')
- ⑧ Submitter's User Group Affiliation Code and Installation Code S | G R S
- ⑨ Submitter's Own Program Identification and Suffix (optional)
- ⑩ Primary Subject Code 0.6.5
- ⑪ Secondary Subject Codes 0.7.2 | 0.8.5 | 1.2.1 | 4.0.4
- ⑫ Operating or Monitor System Required N O N E
- ⑬ New or Revision Code (if revision, show prior Program Order Number in item 1) N
- ⑭ Year Completed 6.7
- ⑮ Date of Submittal 1 2 0 3 6 8
- ⑯ Documentation (number of original pages submitted)
- ⑰ Abstract (should contain sufficient information for a reader to determine the value of the program). Listed on the reverse side of this form are subjects which may serve as a guide for a descriptive abstract.

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EXAMPLES IN SETTING UP MAIN PROGRAMS

FOR FORTRAN :

```

REAL *8 B
DIMENSION A(30), B(20)
READ (N,100) (A(I), I=1,30)
100 FORMAT (A4)
CALL CVFLO8(A,B,20,1)
-
-
-
WRITE (3,105) (B(J), J=1,20)
105 FORMAT (D16.9)
END

```

In the READ statement N is the unit number.

FOR PL/1:

```

CONVPGM:
  PROCEDURE OPTIONS(MAIN) ;
  DECLARE
    MASTER FILE RECORD INPUT,
    NUMBER
    FIXED BINARY (31,0),
    IPREC
    FIXED BINARY (31,0),
    AIN(375)
    FIXED BINARY (31,0) EXTERNAL STATIC,
    BOUT(250)
    BINARY FLOAT EXTERNAL STATIC
  ;
  OPEN FILE (MASTER) INPUT;
  IPREC=0 ;
  NUMBER=250 ;
  READ FILE (MASTER) INTO (AIN) ;
  CALL CVFLO8 (AIN(1), BOUT(1), NUMBER, IPREC) ;
  -
  -
  -
  CLOSE FILE (MASTER) ;
END CONVPGM ;

```