RECOMP II USERS' PROGRAM NO. 1051

PROGRAM TITLE: RELOCTABLE BIT DUMP

PROGRAM CLASSIFICATION: Utility

AUTHOR: Janet Tulloss
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PURPOSE: To type out bit configuration in a sequence of
                        memory words, using any two characters to re-
                        present 0's and 1's.

DATE: 8 December 1960

BAIRD ATOMIC PROGRAM NO. 5003

PROGRAM TITLE: Relocable Bit Dump

PROGRAM CLASSIFICATION: Utility

AUTHOR: Janet Tulloss

PURPOSE: To type out bit configuration in a sequence
                                         of memory words, using any two characters to
                                         represent 0's and 1's.

DATE: Dec. 8, 1960

1. METHOD: Using a sequence of shifts, add 1ᵢ@ B1 and transfers

on overflows, the routine checks each bit and types

out a character indicating whether the bit is a 0

or 1.

2. LOCATION: Initially the routine uses memory locations

0000.0-0054.0.

Relocation matrix uses locations 3777.0-4054.0.

Relocation program uses location 7724.0-7757.0.

After relocation, Program will occupy 55 words

specfied by user.

3. USE:
    A. Relocation calling sequence.

In location 7724.0 enter +00 00000-00 (L) where

L is desired new origan. Tape will be punched

which when entered will contain Bit Dump at

desired location.

    B. CALLING BIT DUMP SEQUENCE:

```
/Tra     BA 5003
|± XX    LLLL.L
{± YY    RRRR.R
(RETURN
```

Where: 1. LLLL.L is address of first word to be typed.

RRRR.R "   " last "   " .

2. "+" Indicates a letter is to be used as type-out character.

"-"   · · ·   figure "   "   .

3. XX is character choosen to represent a memory "1" in type out.

4. YY is character chosen to represent a memory "0" in type out.