

MCR10193
Binary table in `ascii_table.gi.info`
Revision 1.0

Eric Swenson

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1 Problem Description

[Ticket #129](#) asks for a binary table in `ascii_table.gi.info`, which now has two octal tables only.

2 Proposed Fix

A third table is added at the end of `ascii_table.gi.info`, laid out as the ticket suggests: 32 rows for the low-order 5 bits and 4 columns for the high-order 2 bits. It uses the same character names as the existing tables (HT, NL, PAD, as in the rest of the info segment), with a separator every 8 rows to match the octal tables. The date line is updated.

The proposed fix looks like this:

```
cpa >doc>info>ascii_table.gi.info ==
```

```
A1      03/17/88 ascii_table.gi
```

```
Changed by B to:
```

```
B1      :Info: ascii_table.gi: 2026-10-10 ascii_table.gi
```

```
Inserted in B:
```

```
B40
```

```
B41      Binary: the row gives the low-order 5 bits and the column the  
B42      high-order 2 bits of the 7-bit code.
```

```
B43
```

```
B44      | 00  01  10  11
```

```
B45      -----|-----
```

```
B46      00000 | NUL SP   @   ‘
```

```
B47      00001 | SOH  !    A   a
```

```
B48      00010 | STX  "    B   b
```

```
B49      00011 | ETX  #    C   c
```

```
B50      00100 | EOT  $    D   d
```

```
B51      00101 | ENQ  %    E   e
```

```

B52      00110 | ACK &   F   f
B53      00111 | BEL '    G   g
B54      -----|-----
B55      01000 | BS  (    H   h
B56      01001 | HT  )    I   i
B57      01010 | NL  *    J   j
B58      01011 | VT  +    K   k
B59      01100 | FF  ,    L   l
B60      01101 | CR  -    M   m
B61      01110 | SO  .    N   n
B62      01111 | SI  /    O   o
B63      -----|-----
B64      10000 | DLE 0    P   p
B65      10001 | DC1 1    Q   q
B66      10010 | DC2 2    R   r
B67      10011 | DC3 3    S   s
B68      10100 | DC4 4    T   t
B69      10101 | NAK 5    U   u
B70      10110 | SYN 6    V   v
B71      10111 | ETB 7    W   w
B72      -----|-----
B73      11000 | CAN 8    X   x
B74      11001 | EM  9    Y   y
B75      11010 | SUB :    Z   z
B76      11011 | ESC ;    [   {
B77      11100 | FS  <    \   |
B78      11101 | GS  =    ]   }
B79      11110 | RS  >    ^   ~
B80      11111 | US  ?    _   PAD
B81      -----|-----
At end

```

Comparison finished: 2 differences, 44 lines.

3 Documentation

As above.

4 Test

verify_info ascii_table.gi.info; help ascii_table.gi.

5 Files Changed

>doc>info	ascii_table.gi.info
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6 Version History

2026-10-10	1.0	Initial version of the MCR.
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