|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| TRANSITION  STATE | L  0 | O  1 | P  2 | S  3 | N  4 | ANYTHING ELSE  5 |
| START STATE 0 | 1 | 11 | 0 | 6 | 0 | 0 |
| L 1 | 1 | 2 | 0 | 6 | 0 | 0 |
| LO 2 | 1 | 3 | 0 | 6 | 0 | 0 |
| LOO 3 | 1 | 12 | 4 | 6 | 0 | 0 |
| LOOP 4 | -1 | -1 | -1 | 5 | -1 | -1 |
| LOOPS 5 | -1 | -1 | -1 | -1 | -1 | -1 |
| S 6 | 1 | 11 | 0 | 6 | 7 | 0 |
| SN 7 | 1 | 8 | 0 | 6 | 0 | 0 |
| SNO 8 | 1 | 9 | 0 | 6 | 0 | 0 |
| SNOO 9 | 1 | 12 | 10 | 6 | 0 | 0 |
| SNOOP 10 | -1 | -1 | -1 | -1 | -1 | -1 |
| O 11 | 1 | 12 | 0 | 6 | 0 | 0 |
| OO 12 | 1 | 12 | 13 | 6 | 0 | 0 |
| OOP 13 | -1 | -1 | -1 | -1 | -1 | -1 |

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SNOOP

STATE 10

SNOO

STATE 9

SNO

STATE 8

SN

STATE 7

S

STATE 6

LOOPS

STATE 5

LOOP

STATE 4

LOO

STATE 3

LO

STATE 2

L

STATE 1

O

STATE 11

OO

STATE 12

OOP

STATE 13

START

STATE 0