

LADDER RUNGS
LADDER RUNGS

Rung # 0001
Rung # 0001

This program is totally useless...

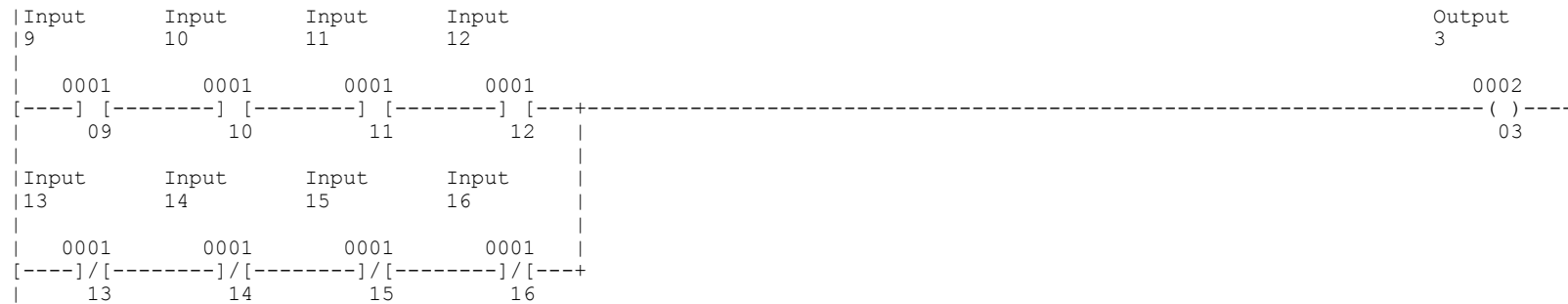
as far as controlling any process. Now on the other hand if you would like to see how different instructions are converted read on.



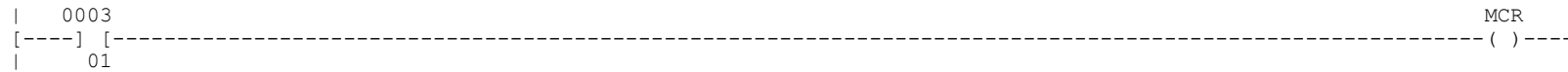
Rung # 0002
Rung # 0002



Rung # 0003
Rung # 0003



Rung # 0004
Rung # 0004



Rung # 0005
Rung # 0005

| 0002
[----- (L) -----
| 04

Rung # 0006
Rung # 0006

| 0002
[----- (U) -----
| 05

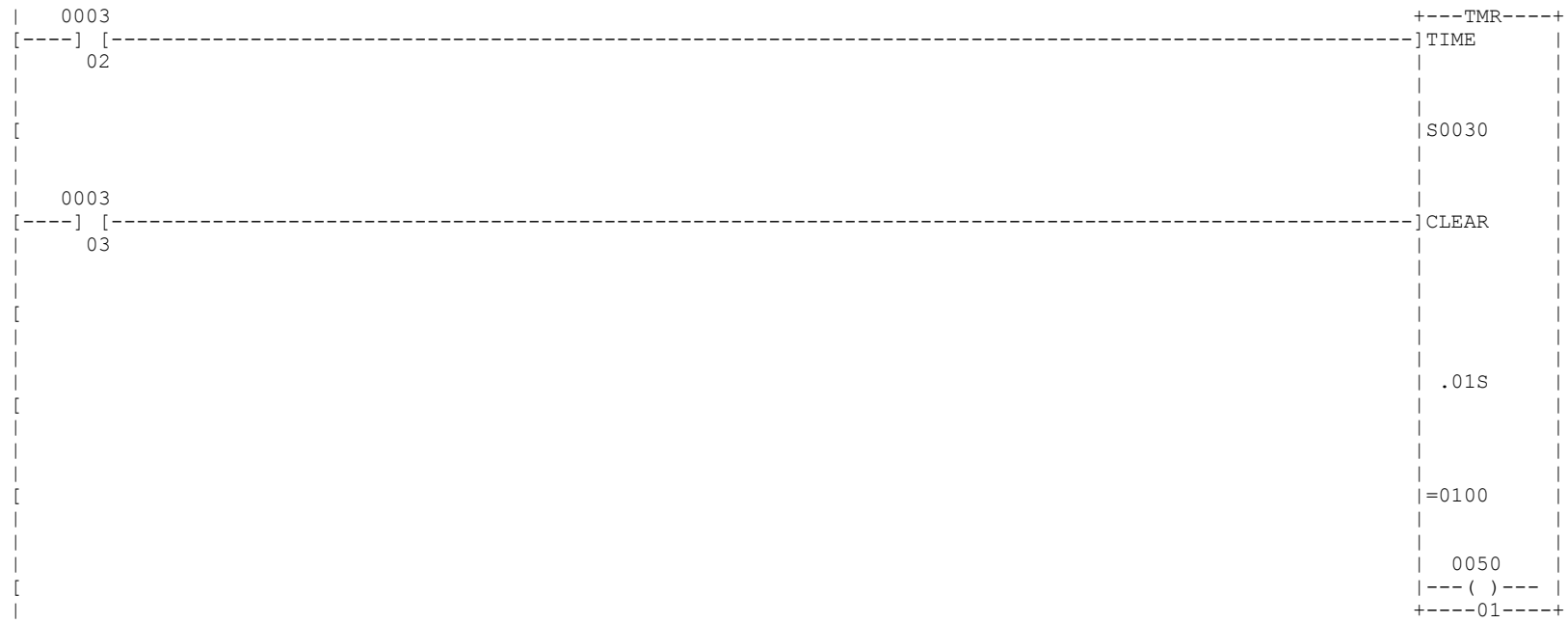
Rung # 0007
Rung # 0007

| 0020
[----- (T) -----
| 01

Rung # 0008
Rung # 0008

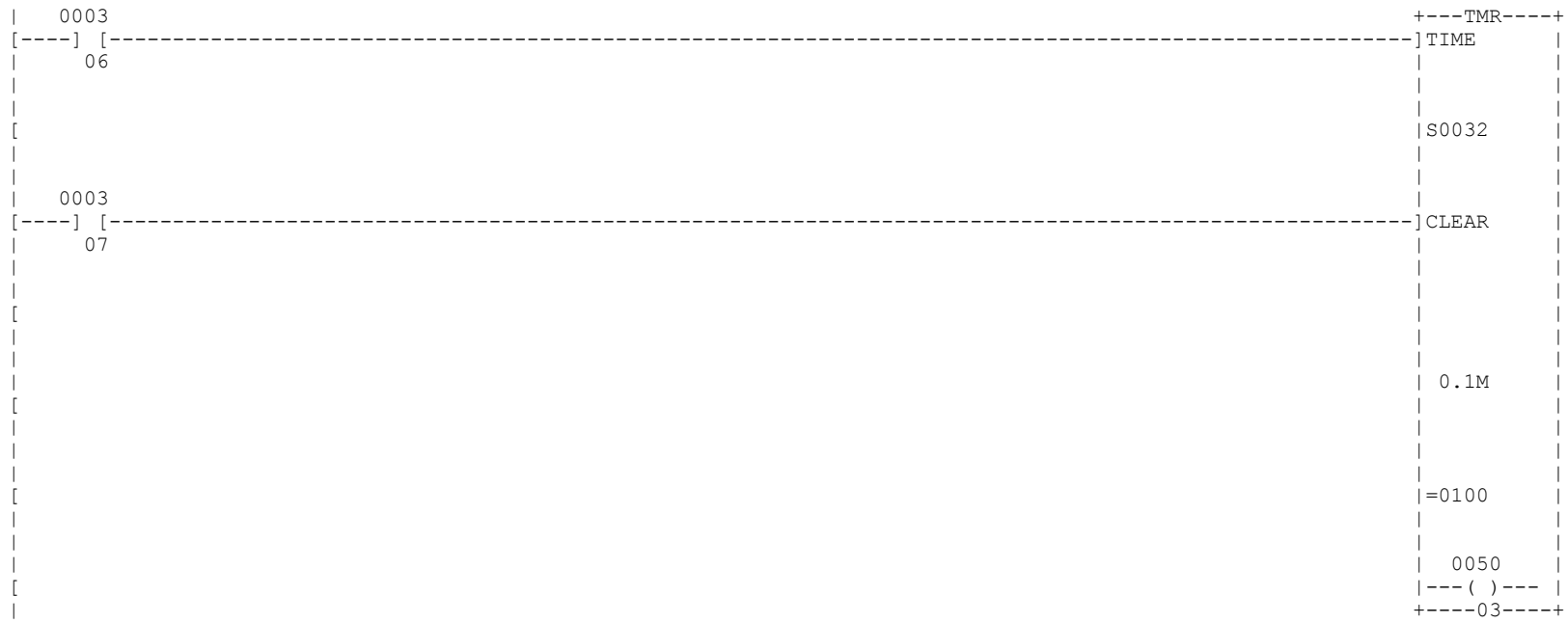
| MCR
[----- () -----
|

Rung # 0009
Rung # 0009



Rung # 0011

Rung # 0011



Rung # 0016
Rung # 0016

```
|+-----+                                     +-----+  
[]IF      S0063      > 00543  [-----]LET      S0063      =S0063      - 00054  [  
|+-----+                                     +-----+
```

Rung # 0017
Rung # 0017

```
|+-----+                                     +-----+  
[]IF      S0064      < 00075  [-----]LET      S0064      = 00064      x 00010  [  
|+-----+                                     +-----+
```

Rung # 0018
Rung # 0018

```
|+-----+                                     +-----+  
[]IF      S0065      =S0064      + 00005  [-----]LET      S0065      = 00000  [  
|+-----+                                     +-----+
```

Rung # 0019
Rung # 0019

```
|+-----+                                     +-----+  
[]IF      S0066      =S0064      - 00005  [-----]LET      S0066      = 00066      / 00002  [  
|+-----+                                     +-----+
```

Rung # 0020
Rung # 0020

```
|+-----+ +-----+  
[]IF      S0067      >S0060      +S0061      +S0062      [ ]LET      S0067      =S0060      xS0061      /S0062      + 00003  [  
|+-----+ +-----+
```

Rung # 0021
Rung # 0021

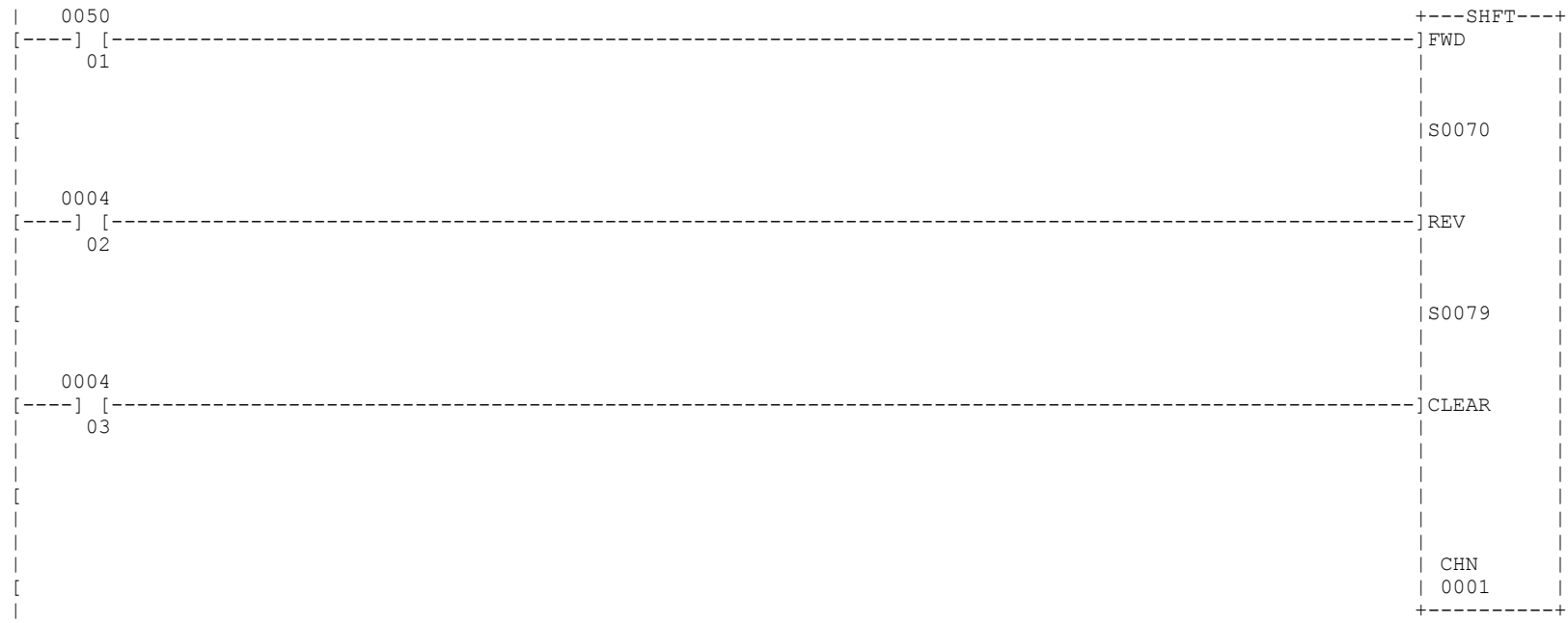
```
|                                     +-----+  
[---OPEN-----] GOTO      0002      [  
|                                     +-----+
```

Rung # 0022
Rung # 0022

```
|                                     +-----+  
[-----]LET      S0068      =S0067      ^ 00255      vS0067      o 08192  [  
|                                     +-----+
```

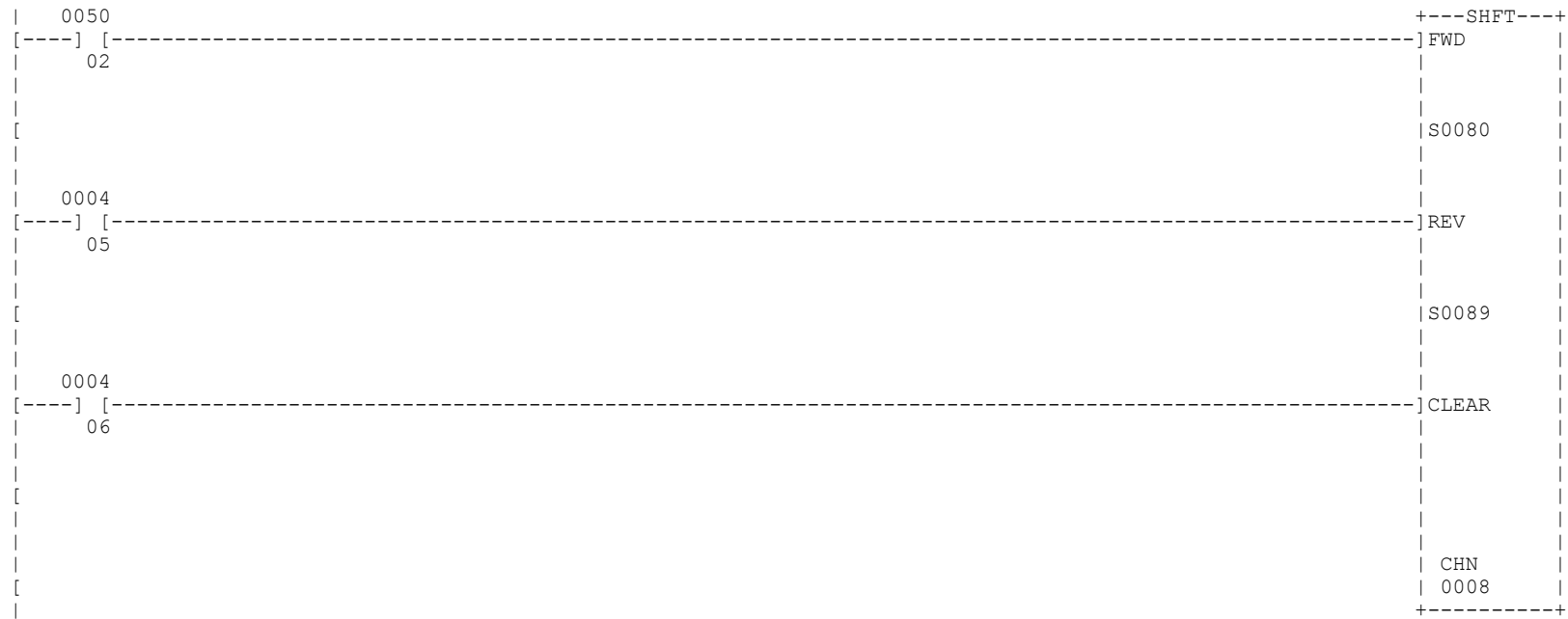
Rung # 0023

Rung # 0023



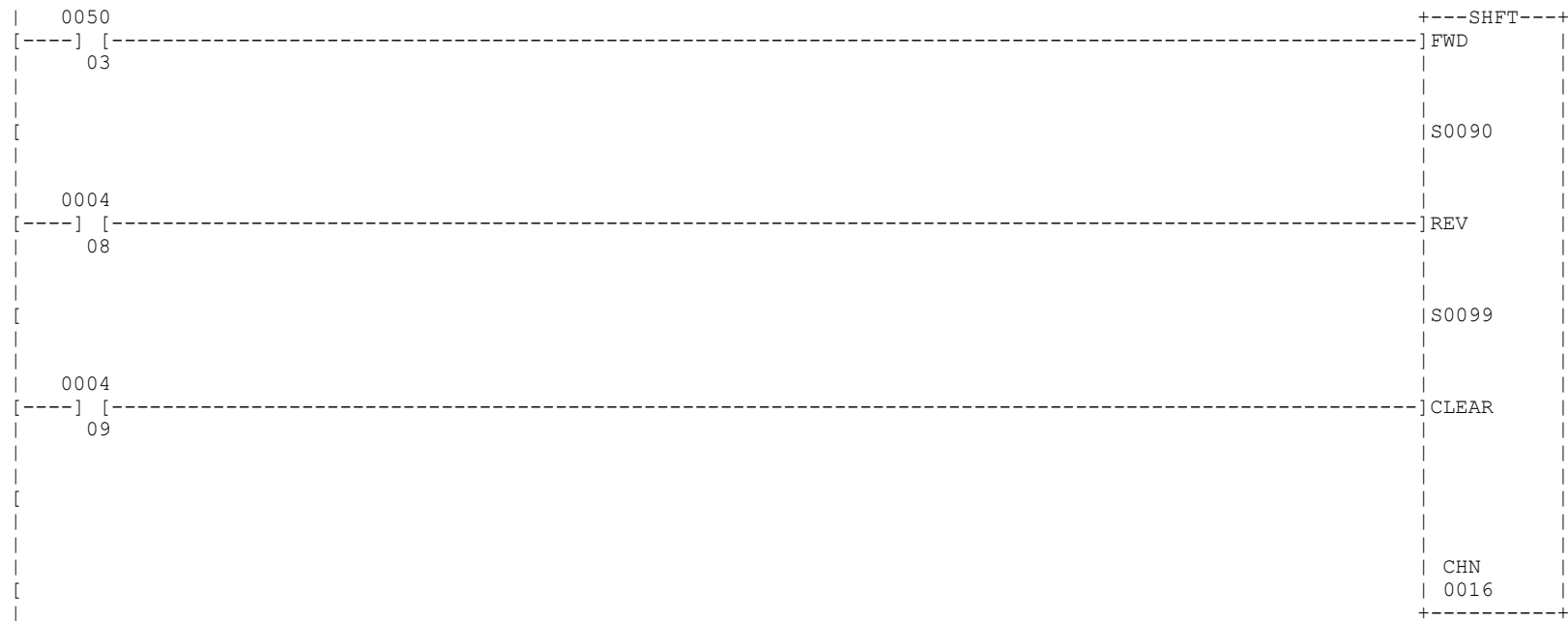
Rung # 0024

Rung # 0024



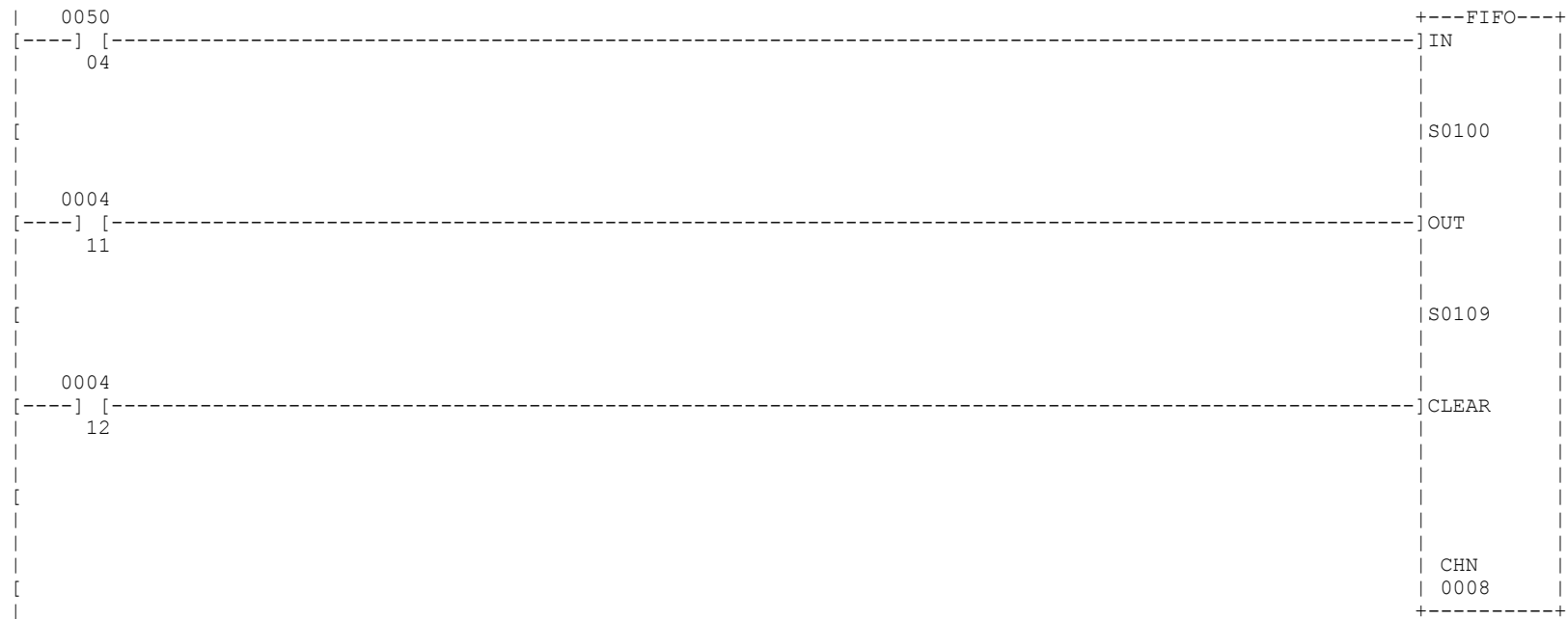
Rung # 0025

Rung # 0025

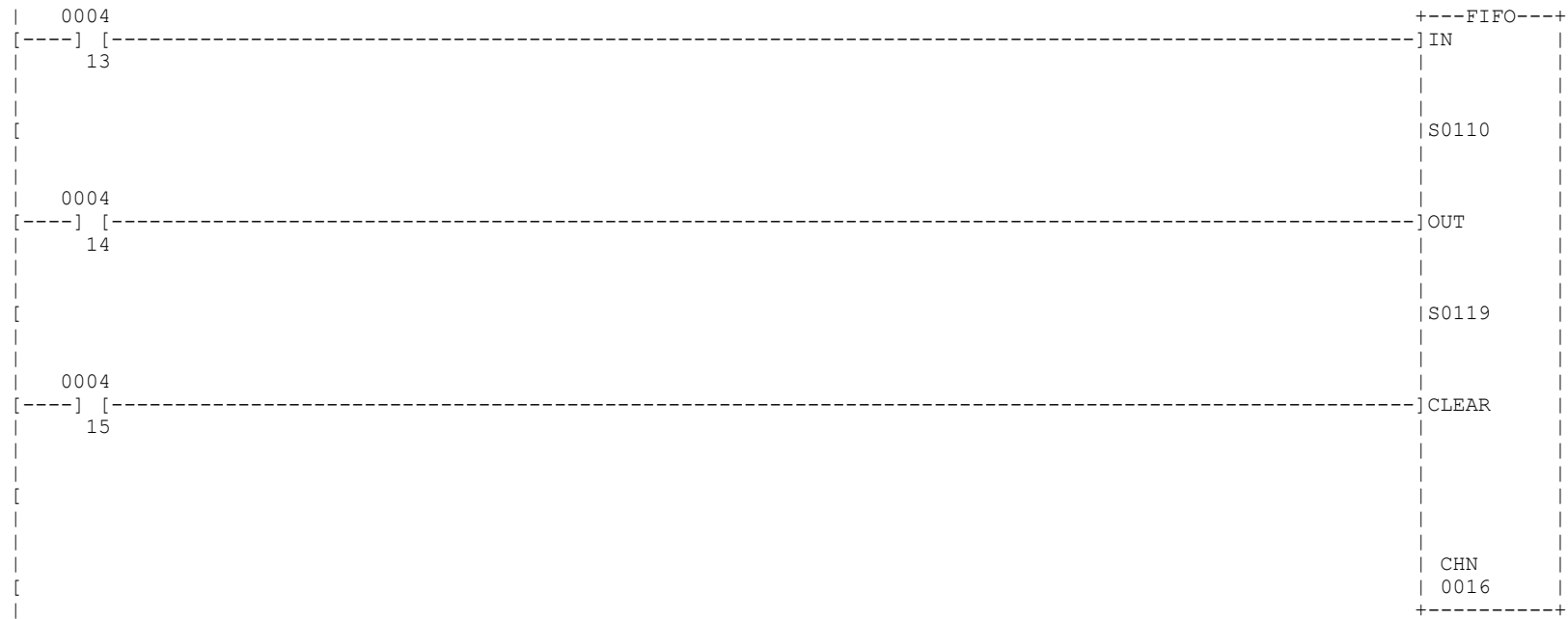


Rung # 0026

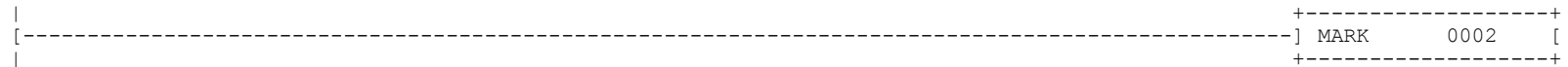
Rung # 0026



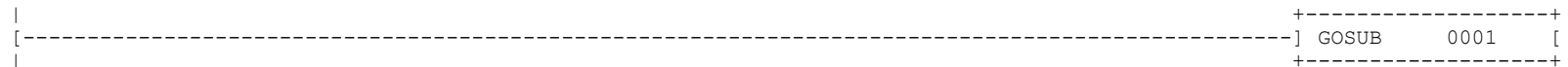
Rung # 0027
Rung # 0027



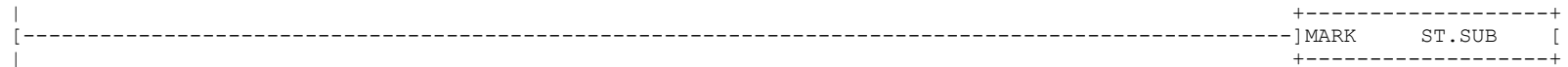
Rung # 0028
Rung # 0028



Rung # 0029
Rung # 0029



Rung # 0030
Rung # 0030



Rung # 0031
Rung # 0031

```
|
|-----] MARK      0001  [
|-----+
```

Rung # 0032
Rung # 0032

```
|
|-----+-----ROUTE-----STAT-----LOCAL-----REMOTE-----COUNT-----+
|-----TREAD1      003      S0200      S0250      S0300      0050  [
|-----+
```

Rung # 0033
Rung # 0033

```
|
|-----+-----ROUTE-----STAT-----LOCAL-----REMOTE-----COUNT-----+
|-----TWRTE1      003      S0400      S0450      S0500      0050  [
|-----+
```

Rung # 0034
Rung # 0034

```
|
|-----+-----ROUTE-----STAT-----REMOTE-----CODE-----+
|-----TALRM1      004      S0600      S0599      5535  [
|-----+
```

Rung # 0035
Rung # 0035

```
|
|-----+-----STAT-----REG-----+
|-----TPRNT1      S0610      S0600  [
|-----+
```

Rung # 0036
Rung # 0036

```
|
|-----+-----+
|-----] RTN      0001  [
|-----+
```

