XPRESS v3.64 & v4.01 Addendum

v3.64 and v4.01 of XPRESS have added some new functionality to commands that send strings to modules.

Commands Affected: Console, LCD(), LPT(), SAY, SAYW

The above commands send strings to their respective modules. These strings can contain '%' flags to include real-time data from the system or variables in the string when it is sent. The following flags have been added to this release of XPRESS:

%M – If a Caller-ID modem is connected to the HCS-II controller and it is enabled, %M will output the last phone number received from Caller-ID.
%N – If a Caller-ID modem is connected to the HCS-II controller and it is enabled, %N will output the last name received from Caller-ID.

You must subscribe to Caller-ID and have a functioning Caller-ID capable modem connected to your HCS-II for the above flags to work. Otherwise they will output nothing when used.

Example:

```
IF CIDNew = TRUE THEN
      LPT(0) = "%N called from %M\n"
END
```

Would output the following on printer LPT(0):

```
Joe Smith called from 123-456-7890
```

Note that the name displayed exactly as a Caller-ID unit would display it. Some telephone companies may send the last name first and the HCS-II will output it that way.

%Sx – This flag is used to display a value stored in any XPRESS variable. The value is output with x digits using leading zeros unless the value has more than x digits. If the value has more than x digits, it will be output entirely with no leading zeros.

Example:

```
Define Call_Minute = Variable(0)
Define Call_Hour = Variable(1)

BEGIN

IF CIDNew = TRUE THEN
      Call_Minute = CIDminute
      Call_Hour = CIDhour
      LPT(0) = "%N called at %P0:%S2\n", Call_Hour, Call_Minute
END
```

If the call arrived at 2:05, the above code would print:

```
Joe Smith called at 2:05
```

If you used %P0 instead of %S2, the time would be displayed as "2:5".