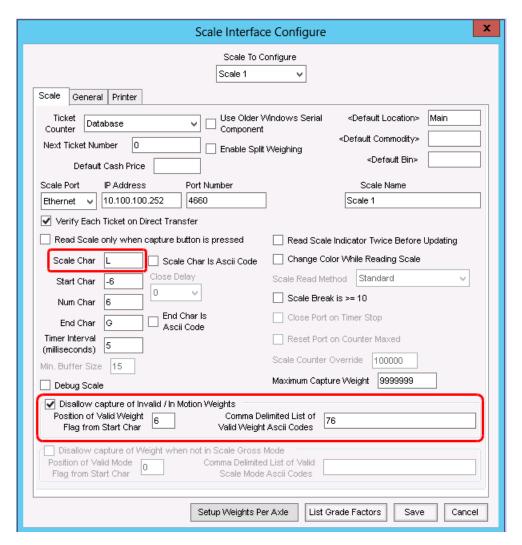# Ethernet Connection to the Scale: In Motion Character

Last Modified on 01/09/2023 10:56 am CST
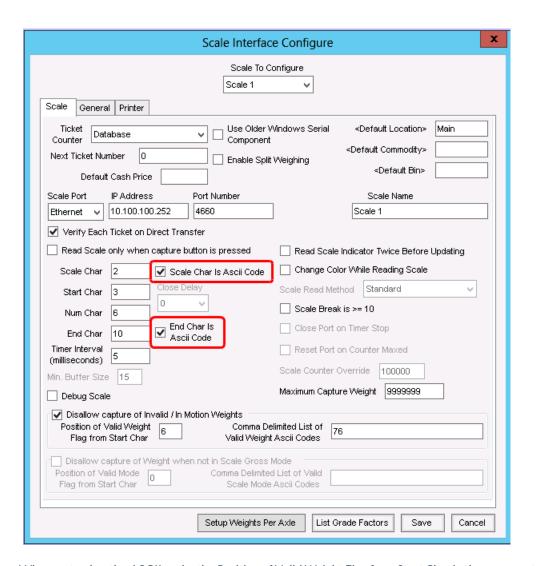
Q. How are weights manually entered when using an Ethernet connection in the Grain Scale Interface?

A. When using an Ethernet connection and weights are to be manually entered with the Handbook 44 requirement enabled, select the *Disallow capture of Invalid / In Motion Weights* option on the *Grain Scale Interface / Setup / Scale Interface Configure* window. Use a character included in every string, such as L (ASCII code 76), for the *Comma Delimited List of Valid Weight Ascii Codes* textbox.

When the *Disallow capture of Invalid / In Motion Weights* option is not selected, the scale interface displays an asterisk (*).

If debugging the scale using the ASCII code, count the number of characters from the *Start Char* to the ASCII code value. Enter that number in the *Position of Valid Weight Flag from Start Char* field.

When not using the ASCII code, the *Position of Valid Weight Flag from Start Char* is the same as the *Start Char*.

Scale Interface Configure

Scale To Configure

Scale 1 ▼

Scale | General | Printer

| Ticket Counter | Database ▼ | ☐ Use Older Windows Serial Component | <Default Location> | Main |

Next Ticket Number 0   ☐ Enable Split Weighing   <Default Commodity> [   ]

Default Cash Price [   ]   <Default Bin> [   ]

| Scale Port | IP Address | Port Number | | Scale Name |

Ethernet ▼   10.100.100.252   4660   Scale 1

☑ Verify Each Ticket on Direct Transfer

☐ Read Scale only when capture button is pressed   ☐ Read Scale Indicator Twice Before Updating

Scale Char [L]   ☐ Scale Char Is Ascii Code   ☐ Change Color While Reading Scale

Start Char [-6]   Close Delay   Scale Read Method [Standard ▼]

Num Char [6]   [0 ▼]   ☐ Scale Break is >= 10

End Char [G]   ☐ End Char Is Ascii Code   ☐ Close Port on Timer Stop

Timer Interval (milliseconds) [5]   ☐ Reset Port on Counter Maxed

Min. Buffer Size [15]   Scale Counter Override [100000]

☐ Debug Scale   Maximum Capture Weight [9999999]

☑ Disallow capture of Invalid Up Motion Weights

Position of Valid Weight Flag from Start Char [6]   Comma Delimited List of Valid Weight Ascii Codes [76]

☐ Disallow capture of Weight when not in Scale Gross Mode

Position of Valid Mode Flag from Start Char [0]   Comma Delimited List of Valid Scale Mode Ascii Codes [   ]

[Setup Weights Per Axle] [List Grade Factors] [Save] [Cancel]