## Menu 1.0 – General Settings (JL10)

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1001</td>
<td>Select Language to be displayed.</td>
</tr>
<tr>
<td>1002</td>
<td>Update Display 1, 2, 3, or 4 Times per Second.</td>
</tr>
<tr>
<td>1003</td>
<td>Identify of scale location (Truck ID or Mixer Number).</td>
</tr>
<tr>
<td>1004</td>
<td>ON = zero track adjust balance for buildup of snow &amp; mud.</td>
</tr>
<tr>
<td>1005</td>
<td>Select weigh method 1-General, 2-Slow, 3-Fast, or 4-Lock - On (Stockweigh only)</td>
</tr>
<tr>
<td>1006</td>
<td>ON = Press and hold the Zero key to Zero/Balance scale.</td>
</tr>
<tr>
<td>1007</td>
<td>Indicator turns off after selected minutes of stable weight.</td>
</tr>
<tr>
<td>1008</td>
<td>Display pounds - lb or kilograms - kg.</td>
</tr>
<tr>
<td>1009</td>
<td>Enables weight compensation functionality.</td>
</tr>
<tr>
<td>1011</td>
<td>Enables pre-filtering before W MTHD is applied.</td>
</tr>
</tbody>
</table>

## Menu 1.1 – General Settings 2 (JL11)

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1101</td>
<td>Slow scroll rate for cold temperatures, 0=normal to 9=slowest.</td>
</tr>
<tr>
<td>1102</td>
<td>ON = Indicator will save tare weight to non-volatile memory.</td>
</tr>
<tr>
<td>1103</td>
<td>ON = tare weights can be entered using the numeric keypad</td>
</tr>
<tr>
<td>1104</td>
<td>ON = stores time/date of power loss and displays data when power is restored</td>
</tr>
</tbody>
</table>

## Menu 1.2 – Time & Date (JL12)

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1201</td>
<td>Select time format - AM/PM or 24 hour</td>
</tr>
<tr>
<td>1202</td>
<td>Select key changes time, Function key choses hh:mm:ss</td>
</tr>
<tr>
<td>1203</td>
<td>Select date format 1-mm-dd 2-mm/dd/yy 3-mm/dd/yyyy 4-dd-mm 5-dd/mm/yy 6-dd/mm/yyyy 7-ddmoyy 8-ddmoyyyy</td>
</tr>
<tr>
<td>1204</td>
<td>Set function of remote input line on the power cord.</td>
</tr>
<tr>
<td>1205</td>
<td>ON = Indicator verifies the real time clock has a valid date at power up</td>
</tr>
</tbody>
</table>

## Menu 1.4 – remote inputs (JL14)

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1401</td>
<td>Set function of remote input line on the power cord.</td>
</tr>
<tr>
<td>1402</td>
<td>Message that is displayed for remote input switch condition.</td>
</tr>
<tr>
<td>1403</td>
<td>Sets line state to display message and/or illuminate alarm lamp. OPEN or CLOSED</td>
</tr>
<tr>
<td>1404</td>
<td>Set how often the remote switch message is displayed.</td>
</tr>
<tr>
<td>1405</td>
<td>Set &quot;pull&quot; state of remote input 1. PULLUP or PULLDN</td>
</tr>
<tr>
<td>1411</td>
<td>Set function of remote input line of remote port or TR key.</td>
</tr>
<tr>
<td>1412</td>
<td>Message that is displayed for remote input switch condition.</td>
</tr>
<tr>
<td>1413</td>
<td>Sets line state to display message and/or illuminate alarm lamp. OPEN or CLOSED</td>
</tr>
<tr>
<td>1414</td>
<td>Set how often the remote switch message is displayed.</td>
</tr>
</tbody>
</table>

## Menu 1.9 – Diagnostic 1 (JL19)

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1997</td>
<td>Enables a load cell diagnostic screen on an attached UT</td>
</tr>
<tr>
<td>1998</td>
<td>Displays the software version.</td>
</tr>
<tr>
<td>1999</td>
<td>Adjust Gross weight of scale by changing the zero/balance.</td>
</tr>
</tbody>
</table>

## Menu 2.0 – Communications (JL20)

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>ON = Communicate with Cab Control Display, MTLINE = 3 Line Display Cab Control</td>
</tr>
<tr>
<td>2002</td>
<td>Select Scale Number for Cab Control communications.</td>
</tr>
<tr>
<td>2003</td>
<td>ON = Enables external radio to be attached to the J905 port.</td>
</tr>
<tr>
<td>2004</td>
<td>ON = Enables the DDL to be attached to the J905 port.</td>
</tr>
<tr>
<td>2005</td>
<td>ON = Enables an audible notification when an EZ2 command is sent.</td>
</tr>
<tr>
<td>2098</td>
<td>Displays radio hardware information. EXTRNL or INTRNL and hardware type.</td>
</tr>
</tbody>
</table>

## Menu 2.1 – Scoreboard & Operational Status Messages (JL21)

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2101</td>
<td>Select scoreboard output.</td>
</tr>
<tr>
<td>2102</td>
<td>Perform the Zero/Balance for the SCOREM #11 weight output.</td>
</tr>
<tr>
<td>2103</td>
<td>Use Zero key to zero out the serial gross weight.</td>
</tr>
<tr>
<td>2104</td>
<td>Select scoreboard output number 2.</td>
</tr>
<tr>
<td>2111</td>
<td>Select operating data to be sent to a Remote Terminal.</td>
</tr>
<tr>
<td>2199</td>
<td>ON = Causes negative sign to be left justified and numeric values right justified.</td>
</tr>
</tbody>
</table>

## Menu 2.2 – Port Settings (JL22)

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2201</td>
<td>Sets COM1 baud rate to 1200 – 115200</td>
</tr>
<tr>
<td>2202</td>
<td>Sets COM1 parity to EVEN, ODD, or NONE.</td>
</tr>
<tr>
<td>2203</td>
<td>Sets COM1 data to 7 or 8.</td>
</tr>
<tr>
<td>2204</td>
<td>Select seconds to delay before advancing to next line.</td>
</tr>
<tr>
<td>2211</td>
<td>Sets COM2 baud rate to 1200 – 115200</td>
</tr>
<tr>
<td>2212</td>
<td>Sets COM2 parity to EVEN, ODD, or NONE.</td>
</tr>
<tr>
<td>2213</td>
<td>Sets COM2 data to 7 or 8.</td>
</tr>
<tr>
<td>2214</td>
<td>Select seconds to delay before advancing to next line.</td>
</tr>
</tbody>
</table>
Menu 2.3 – Print (JL 23)
TARE AUTO PRINT \( (\text{on} \text{off}) \)
ONE LINE PRINT \( (\text{on} \text{off}) \)
AUTO PRINT \( (\text{on} \text{off}) \)
PRINT FORMAT \( (\text{print}) \)
PRINT ACCUMULATION \( (\text{print}) \)
PRINT BUFFER \( (\text{buffer}) \)

Menu 2.4 – Remote Display (JL 24)
REMOTE DISPLAY \( (\text{on} \text{off}) \)
REMOTE TERMINAL \( (\text{on} \text{off}) \)
AUTO DETECT REM. DISPLAY \( (\text{on} \text{off}) \)
BAR GRAPH MODE \( (\text{on} \text{off}) \)
BAR GRAPH ENABLE \( (\text{on} \text{off}) \)
BAR GRAPH WEIGHT \( (\text{off} \text{wt}) \)
PRESET GRAPH ENABLE \( (\text{preset}) \)
TIMER GRAPH ENABLE \( (\text{timer}) \)
INGREDIENT GRAPH ENABLE \( (\text{ingredient}) \)
NON-DIGI-STAR DISPLAY \( (\text{on} \text{off}) \)

Menu 2.7 – ISOBUS (JL 27)
ISOBUS WEIGHT \( (\text{wt}) \)
ISOBUS BASE ADDRESS \( (\text{base}) \)
USE ISOBUS DDI VALUES \( (\text{on} \text{off}) \)
ISOBUS VT INSTANCE NUMBER \( (\text{on} \text{off}) \)
ISOBUS SERIAL GROSS \( (\text{on} \text{off}) \)
CAN MESSAGE TYPE \( (\text{canmsg}) \)
CAN MESSAGE INTERVAL \( (\text{interval}) \)

Menu 2.8 – WiFi
WIFI NAME \( (\text{ ssid}) \)
WIFI PASSWORD \( (\text{ password}) \)
WIFI CHANNEL \( (\text{ channel}) \)
DISPLAY WIFI VERSION \( (\text{ wifi}) \)

Menu 3.0 – Weight (JL 30)
DISPLAY COUNT \( (\text{display}) \)
CAPACITY \( (\text{cap}) \)
WM1 ADJUST 1 \( (\text{cal1}) \)
WM1 ADJUST 2 \( (\text{cal2}) \)
WM1 ADJUST 3 \( (\text{cal3}) \)
WM2 ADJUST 1 \( (\text{cal4}) \)
WM2 ADJUST 2 \( (\text{cal5}) \)
WM2 ADJUST 3 \( (\text{cal6}) \)
FRATIONAL WEIGHT CALIBRATION \( (\text{fraction}) \)
A, B, C DISPLAY FORMAT \( (\text{format}) \)
GAIN \( (\text{gain}) \)

Menu 3.1 – Motion (JL 31)
MOTION \( (\text{motion}) \)
MOTION WEIGHT \( (\text{weight}) \)

Menu 3.2 – Analog Out (JL 32)
ANALOG LOW WEIGHT \( (\text{low}) \)
ANALOG HIGH WEIGHT \( (\text{high}) \)
ANALOG SELECT \( (\text{select}) \)
NEGATIVE ANALOG OUTPUT \( (\text{negative}) \)
ANALOG OUTPUT TEST \( (\text{test}) \)

Menu 3.3 – Accelerometer (JL 33)
ACCELEROMETER MACHINE LEVEL \( (\text{level}) \)
ACCELEROMETER FILTER \( (\text{filter}) \)
ACCELEROMETER DELTA DEGREE ADJUST \( (\text{adjust}) \)
ACCELEROMETER AVERAGE \( (\text{average}) \)
ACCELEROMETER FORWARD DIRECTION \( (\text{forward}) \)
ACCELEROMETER PITCH ADJUST \( (\text{pitch}) \)
ACCELEROMETER ROLL ADJUST \( (\text{roll}) \)
ACCELEROMETER PITCH RANGE \( (\text{range}) \)
ACCELEROMETER ROLL RANGE \( (\text{range}) \)
ACCELEROMETER OVER FORCE \( (\text{over}) \)

Enter maximum force device will use to calculate angles without error.

If enabled, data sent to the remote printer port is also stored in scales non-volatile memory.

Menu 2.6 – Analog Out (JL 26)
NEGATIVE ANALOG OUTPUT \( (\text{negative}) \)
ANALOG SELECT \( (\text{select}) \)
ANALOG LOW WEIGHT \( (\text{low}) \)

Enter Analog weight value to equal 20mA or 5 Volts.

ON = tare will auto-print displayed weight.
ON = scale data will be printed on one line.
ON = pressing keys will auto-print weight values.
Select alternate & comma (CSV) formats.

Enter frequency of averaging sample data.
Enter maximum allowable degree change to save a new value.
Decrease this number to smoothen filtering.
Allows of leveling of accelerometer when installed on machine.
Select output for testing.  Normal, Min, Max, or Saw.
ON = pressing keys will auto-print weight values.
ON = tare will auto-print displayed weight.
ON = motion arrow flashes for unstable weight.
ON = scale data will be printed on one line.
ON = Enter maximum force device will use to calculate angles without error.
ON = Enter maximum force device will use to calculate angles without error.
ON = Enter maximum force device will use to calculate angles without error.
ON = Enter maximum force device will use to calculate angles without error.
Menu 4.2 - Preset, Alarm, and Timer (JL 40)

PRE ALARM METHOD (P[ALT])
Select weight or percentage method, then enter a value to activate an early warning that scale is reaching the preset.

PRE ALARM (P[ALM])
Enter a value to activate an early warning that scale is reaching the preset.

ALARM OUTPUT (AL OUT)
Select Preset OR TR to control Relay, Horn & Lamp. Switch to control Lamp.

BUZZER (BUZZER)
ALARM BUZZER--Alarm Horn can be shortened or turned OFF.

RELAY (RELAY)
Select behavior for +12VDC Alarm Output.

PRESET ADVANCE DELAY (PREADV)
Select seconds to delay before clearing a normal preset.

RELAY OUT (RELOUT)
Select the state of the relay when preset is reached. SIG12V or SIG 0V.

PRESET CLEAR ON PRINT (PRECLP)
ON = Clears preset and preset ID when a print occurs.

ING/PEN WEIGHT TOGGLE (WEITOG)
When enabled, ingredient/pen name will toggle if no motion is detected for 6 seconds.

Menu 4.1 – Setpoint (JL 41)

SET OVER UNDER (SETOU)
Enter value to accept preset and print and clear.

CHANGE WEIGHT (SETWG)
Enter a value to accept preset and print and clear.

SET POINT (SETPNT)
ON = Prevents auto-advancing if preset exceeds tolerance

SET POINT COUNTER (SETCTR)
Counts how many times set point is activated.

SET POINT WEIGHT SOURCE (STPWE)
Select weight source to activate the 12V Alarm (normal or serial)

Menu 4.2 – Preset Tolerance (JL 42)

TOLERANCE METHOD (T[ALT])
Select weight or percentage method, then enter a value to accept preset and print and clear.

TOLERANCE (T[OL])
Enter a value to accept preset and print and clear.

TOLER OVER LOCK (TOLER)
ON = Prevents auto-advancing if preset exceeds tolerance

Menu 4.3 – Mixer Revolutions (JL 43)

TIMER/COUNTER (TMRCTR)
Enter a value to activate an early warning that scale is reaching the preset.

DRIVE RATIO (DRVRAT)
Select weight or percentage method, then enter a value to activate an early warning that scale is reaching the preset.

Menu 5 – Port Outputs (JL 50)

REMOTE DISPLAY PORT (RTDPRT)
Sets CAN port. 1 or 2

EXTERNAL RADIO PORT (ERADPRT)
Sets Scoreboard 2 port. OFF, COM1, COM2, COM 3, or COM 4

PRINTER PORT (PRPORT)
Sets printer port. OFF, COM1, COM2, COM 3, or COM 4

SCOREBOARD PORT (SC2PRT)
Sets score board port. OFF, COM1, COM2, COM 3, or COM 4

DDL PORT (DDLPRT)
Sets DDL port. OFF, COM1, COM2, or COM 3.

20MA MIRROR PORT (20MAMR)
Sets 20mA port for 20mA signal to mirror. OFF, COM1, COM2, or COM 3

RECIPE PORT (RMDPRT)
Sets Recipe output port. OFF, COM1, COM2, or COM 3

GPS PORT (GPSPR)
Sets GPS port. OFF, COM1, COM2, COM 3, or COM 4

SCOREBOARD 2 PORT (SC2PRT)
Sets Scoreboard 2 output port. OFF, COM1, COM2, COM 3, or COM 4

CAN PORT (CNPRT)
Sets CAN port. 1 or 2

DEBUG PORT (DBGPRT)
Sets internal debug port. OFF, COM1, COM2, or COM 3

Menu 6 – Common Batching (JL 60)

BATCH PRE-ALARM METHOD (BPA[ALT])
Select weight or percentage method for batch pre-alarm

BATCH PRE-ALARM (BPA[ALM])
Enter value to activate an early warning that scale is reaching preset.

INGRED. TOLERANCE METHOD (INGTOL)
Select weight or percentage method for ingredient tolerance.

INGREDIENT TOLERANCE (INGTOL)
Enter value to accept ingredient for auto advance.

PEN TOLERANCE METHOD (PNTOL)
Select weight or percentage method for pen tolerance.

PEN TOLERANCE (PENWT)
Enter value to accept pen for auto advance.

BATCH TOLERANCE OVERLOCK (BTOVRLK)
ON = Prevents auto-advancing if preset exceeds tolerance

BATCH ADVANCE DELAY (BADVDEL)
Select seconds to delay before advancing to next feedline.

MANUAL PEN ADVANCE (MPNADV)
ON = Overrides Automatic advance for Pens.

INGREDIENT STARTED WEIGHT (ISTART)
This weight threshold determines if the ingredient has been started.

PEN WEIGHT (PWGT)
Select method for displaying pen weight - Net, Load, or Gross.

RESIZE RECIPE (RSEZ)
ON = Operator can change recipe size.

Menu 6.0.5 – Common Batching/Selection Based on Application

RECIPE PRINT FORMAT (RPFMT)
Defines how scale will print when in weighing mode or a batch.

RECIPE TOTAL (RTCLT)
Selects Total amount to be displayed when starting recipe.

INGREDIENT RE-SIZING (RESVZ)
Selects Automatic Ingredient Re-Sizing mode.

PROGRAM RECIPE (PROPR)
Selects program method, PC or at SCALE.

Menu 6.1 – 3410 Batching (JL 61)

ENTRY METHOD (EMTH)
Select batching 1-amount/animal 2-percent/load 3-amount/load.

DISPLAY SCOOP % (DSCLP)
ON = Displays scoop percentage to load.

INGREDIENT NAMES (INGNM)
ON = Displays ingredient names while batching.

ACCUMULATION (ACCUM)
ON = Load/Unload weights are accumulated while batching.
Menu 6.2 – 3610/4610 Batching (JL 62)

<table>
<thead>
<tr>
<th>Number</th>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6201</td>
<td>ON</td>
<td>operator MUST enter User ID to use scale.</td>
</tr>
<tr>
<td>6202</td>
<td>ON</td>
<td>disables certain keys when Loading / Unloading Recipe.</td>
</tr>
<tr>
<td>6203</td>
<td>Select</td>
<td>either PC or EZ to control the batch number.</td>
</tr>
<tr>
<td>6204</td>
<td>Ignore</td>
<td>extra INGR ADVANCE keys while feeding.</td>
</tr>
<tr>
<td>6205</td>
<td>Allows</td>
<td>recipes to be RE-USED for another load.</td>
</tr>
<tr>
<td>6206</td>
<td>Select</td>
<td>recipe start method - recipe name or batch number.</td>
</tr>
<tr>
<td>6207</td>
<td>ON</td>
<td>Pen presets are re-calculated after each ingredient/pen.</td>
</tr>
<tr>
<td>6208</td>
<td>ON</td>
<td>Return the starting preset in the timer/bunk read field of feedline</td>
</tr>
<tr>
<td>6209</td>
<td>Enter</td>
<td>value to display small ingredient message.</td>
</tr>
<tr>
<td>6210</td>
<td>ON</td>
<td>displays all incomplete recipes.</td>
</tr>
<tr>
<td>6211</td>
<td>ON</td>
<td>pens are displayed when selecting recipes.</td>
</tr>
<tr>
<td>6212</td>
<td>ON</td>
<td>Erases done feedlines after data transfer.</td>
</tr>
<tr>
<td>6213</td>
<td>Select</td>
<td>MANUAL, AUTO or Quick START methods for transferring recipe information</td>
</tr>
<tr>
<td>6214</td>
<td>ON</td>
<td>Feedlines sent from DataLink are marked &quot;done&quot;.</td>
</tr>
<tr>
<td>6215</td>
<td>ON</td>
<td>Starts Pens List after Recipe is loaded.</td>
</tr>
<tr>
<td>6216</td>
<td>Select</td>
<td>feed zone for recipe deliveries.</td>
</tr>
<tr>
<td>6217</td>
<td>ON</td>
<td>Partial feedings will have been started.</td>
</tr>
<tr>
<td>6218</td>
<td>When</td>
<td>recipe/pen is exited by pressing CLEAR key, an output is sent to the printer.</td>
</tr>
</tbody>
</table>

Menu 6.3 – Preset Active Signal (JL 63)

<table>
<thead>
<tr>
<th>Number</th>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6301</td>
<td>ON</td>
<td>Enter seconds to delay printing of the record when loading/unloading is completed (ST3410 ONLY)</td>
</tr>
<tr>
<td>6302</td>
<td>ON</td>
<td>Load the stored preset when unloading begins.</td>
</tr>
<tr>
<td>6303</td>
<td>Time</td>
<td>to continue preset active signal after preset is reached.</td>
</tr>
<tr>
<td>6304</td>
<td>UNLOAD</td>
<td>ALARM BUZZER – Alarm duration can be shortened or turned OFF.</td>
</tr>
<tr>
<td>6305</td>
<td>Select</td>
<td>weight or percentage method for output tolerance method.</td>
</tr>
<tr>
<td>6306</td>
<td>Enter</td>
<td>value to accept preset active signal, in line with the relay setting</td>
</tr>
<tr>
<td>6307</td>
<td>ON</td>
<td>enables all incomplete recipes.</td>
</tr>
<tr>
<td>6308</td>
<td>ON</td>
<td>displays all incomplete recipes.</td>
</tr>
<tr>
<td>6309</td>
<td>ON</td>
<td>Operator MUST enter User ID to use scale.</td>
</tr>
<tr>
<td>6310</td>
<td>ON</td>
<td>disables certain keys when loading / unloading recipe.</td>
</tr>
<tr>
<td>6311</td>
<td>Select</td>
<td>either PC or EZ to control the batch number.</td>
</tr>
<tr>
<td>6312</td>
<td>Ignore</td>
<td>extra INGR ADVANCE keys while feeding.</td>
</tr>
<tr>
<td>6313</td>
<td>Allows</td>
<td>recipes to be RE-USED for another load.</td>
</tr>
<tr>
<td>6314</td>
<td>Select</td>
<td>recipe start method - recipe name or batch number.</td>
</tr>
<tr>
<td>6315</td>
<td>ON</td>
<td>Pen presets are recalculated after each ingredient/pen.</td>
</tr>
<tr>
<td>6316</td>
<td>ON</td>
<td>Return the starting preset in the timer/bunk read field of feedline</td>
</tr>
<tr>
<td>6317</td>
<td>Enter</td>
<td>value to display small ingredient message.</td>
</tr>
<tr>
<td>6318</td>
<td>ON</td>
<td>displays all incomplete recipes.</td>
</tr>
<tr>
<td>6319</td>
<td>ON</td>
<td>Pens are displayed when selecting recipes.</td>
</tr>
<tr>
<td>6320</td>
<td>ON</td>
<td>Erases done feedlines after data transfer.</td>
</tr>
<tr>
<td>6321</td>
<td>Select</td>
<td>MANUAL, AUTO or Quick START methods for transferring recipe information</td>
</tr>
<tr>
<td>6322</td>
<td>ON</td>
<td>Feedlines sent from DataLink are marked &quot;done&quot;.</td>
</tr>
<tr>
<td>6323</td>
<td>ON</td>
<td>Starts Pens List after Recipe is loaded.</td>
</tr>
<tr>
<td>6324</td>
<td>Select</td>
<td>feed zone for recipe deliveries.</td>
</tr>
<tr>
<td>6325</td>
<td>ON</td>
<td>Partial feedings will have been started.</td>
</tr>
<tr>
<td>6326</td>
<td>When</td>
<td>recipe/pen is exited by pressing CLEAR key, an output is sent to the printer.</td>
</tr>
</tbody>
</table>

Menu 6.4 – AUTOLOG (JL 64)

<table>
<thead>
<tr>
<th>Number</th>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6401</td>
<td>Three</td>
<td>settings available, RPM, SWITCH, or MANUAL.</td>
</tr>
<tr>
<td>6402</td>
<td>Set to</td>
<td>20-50% of PTO operating RPMs. Stop is activated using this value.</td>
</tr>
<tr>
<td>6403</td>
<td>Set to</td>
<td>10% of PTO operating RPMs. Start is activated using this value + D.A.N. 6402</td>
</tr>
<tr>
<td>6404</td>
<td>Start</td>
<td>activated when RPMs above D.A.N. 6402 + D.A.N. 6402 for this time in seconds</td>
</tr>
<tr>
<td>6405</td>
<td>Stop</td>
<td>activated when RPMs below D.A.N. 6402 for this time is seconds</td>
</tr>
<tr>
<td>6406</td>
<td>ON</td>
<td>Enables Cab Control start/stop control.</td>
</tr>
<tr>
<td>6407</td>
<td>ON</td>
<td>weight change that will trigger GPS recording.</td>
</tr>
<tr>
<td>6408</td>
<td>ON</td>
<td>enables GPS Satellite screen upon startup.</td>
</tr>
<tr>
<td>6409</td>
<td>Select</td>
<td>Open or Close to activate automatic Start/Stop.</td>
</tr>
<tr>
<td>6410</td>
<td>Seconds</td>
<td>to delay start after switch is enabled.</td>
</tr>
<tr>
<td>6411</td>
<td>Seconds</td>
<td>to delay stop after switch is disabled.</td>
</tr>
</tbody>
</table>

Menu 6.5 – Nutrient/Yield Tracker (JL 65)

<table>
<thead>
<tr>
<th>Number</th>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6501</td>
<td>Enter</td>
<td>application units in English or Metric.</td>
</tr>
<tr>
<td>6502</td>
<td>Enter</td>
<td>the desired rate in Tons per Acre (or Tonnes / Hectare).</td>
</tr>
<tr>
<td>6503</td>
<td>Enter</td>
<td>the spread width in feet (or meters).</td>
</tr>
<tr>
<td>6504</td>
<td>Shows</td>
<td>a running total of acres spread/harvested on the selected field.</td>
</tr>
<tr>
<td>6505</td>
<td>The</td>
<td>number of weight samples used for the application rate estimate. Increase value to smoothen (2 to 10).</td>
</tr>
<tr>
<td>6506</td>
<td>The</td>
<td>number of rate samples averaged. Increase value to smoothen (1 to 5).</td>
</tr>
<tr>
<td>6507</td>
<td>The</td>
<td>minimum range for minimum or maximum samples. Uses minimum samples when outside of window. 0 = &quot;OFF&quot;, 1 = RE-USE</td>
</tr>
<tr>
<td>6508</td>
<td>Minimum</td>
<td>samples used in APP RATE WINDOW. Decrease for faster response.</td>
</tr>
<tr>
<td>6509</td>
<td>Increase</td>
<td>value for low weighing rates.</td>
</tr>
<tr>
<td>6510</td>
<td>Select</td>
<td>FAST for faster response when beginning to unload.</td>
</tr>
<tr>
<td>6511</td>
<td>Select</td>
<td>Load, Unload, or Auto detect for displaying T/A while loading or unloading.</td>
</tr>
<tr>
<td>6512</td>
<td>Time</td>
<td>interval used to store GPS data.</td>
</tr>
<tr>
<td>6513</td>
<td>Minimum</td>
<td>speed to use when calculating application rate</td>
</tr>
<tr>
<td>6514</td>
<td>Select</td>
<td>limits to be measured. TONS or LB</td>
</tr>
<tr>
<td>6515</td>
<td>Select</td>
<td>location to store USB records.</td>
</tr>
<tr>
<td>6516</td>
<td>When</td>
<td>enabled. GPS application rate data is streamed out the serial port.</td>
</tr>
</tbody>
</table>
| 6599   | Resets  | USB storage if errors occur...

Menu 6.6 – Seed Tender (JL 66)

<table>
<thead>
<tr>
<th>Number</th>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6601</td>
<td>Number of bins 0-10, 0 = bin feature off.</td>
<td></td>
</tr>
<tr>
<td>6613</td>
<td>ON</td>
<td>Enables seed tender variable throttle control</td>
</tr>
</tbody>
</table>
Menu 6.8 – Moisture (JL 68)

MOISTURE WEIGHT TOLER (CAL/10)
SHOW MOISTURE TEMP. (°F/°C)
SHOW BUSHEL WEIGHT (lb/ctn)
CLEAR VOLTAGE MEMORY (V/Ohm)
MOISTURE VOLT. RECORDS (V/Ohm)
SAVE MOISTURE VOLT. REC. (V/Ohm)
SAVE ALL MOIST. RECORDS (V/Ohm)
MOISTURE DEBUG (V/Ohm)

Menu 6.9 – Baler (JL 69)

BALE MAX RANGE (lb/ctn)
BALE MAX RANGE OFFSET (lb/ctn)
BALE MINIMUM RANGE (lb/ctn)
BALE SLOPE AVG. TRIP POINT (lb/ctn)
BALE MINIMUM WEIGHT (lb/ctn)
TARGET BALE WEIGHT (lb/ctn)

Please note: Scale specific settings can be affected by the same global settings above. When changed they will affect the currently selected scale.

Menu 7.1 – Scale Specific Settings (Scales A&B - JL 71)

SCALE PLATFORM A
SCALE ID SETUP (Truck or Mixer Number)
WEIGHT METHOD (1-General, 2-Slow, 3-Fast, or 4-Lock - On (Stockweigh only)
DISPLAY UNIT (lb/kg)
DISPLAY COUNT (Count)
CAPACITY (lb/kg)
WM1 ADJUST 1 (lb/kg)
WM1 ADJUST 2 (lb/kg)
WM1 ADJUST 3 (lb/kg)
WM2 ADJUST 1 (lb/kg)
WM2 ADJUST 2 (lb/kg)
WM2 ADJUST 3 (lb/kg)
MOTION (ON/OF)
TARE AUTO PRINT (1=On)
SAVE TARE (OFF)
WEIGHT COMPENSATION (lb/kg)
AD FFT FILTERING (OFF)
FRACTIONAL WEIGHT CALIBRATION (CAL/10)
GAIN (lb/kg)

SCALE PLATFORM B
SCALE ID SETUP (Truck or Mixer Number)
WEIGHT METHOD (1-General, 2-Slow, 3-Fast, or 4-Lock - On (Stockweigh only)
DISPLAY UNIT (lb/kg)
DISPLAY COUNT (Count)
CAPACITY (lb/kg)
WM1 ADJUST 1 (lb/kg)
WM1 ADJUST 2 (lb/kg)
WM1 ADJUST 3 (lb/kg)
WM2 ADJUST 1 (lb/kg)
WM2 ADJUST 2 (lb/kg)
WM2 ADJUST 3 (lb/kg)
MOTION (ON/OF)
TARE AUTO PRINT (1=On)
SAVE TARE (OFF)
WEIGHT COMPENSATION (lb/kg)
AD FFT FILTERING (OFF)
FRACTIONAL WEIGHT CALIBRATION (CAL/10)
GAIN (lb/kg)
### Menu 7.2 – Scale Specific Settings (Scales C&D - JL72)

**SCALE PLATFORM C**
- **SCALE ID SETUP**
- **WEIGHT METHOD**
- **DISPLAY UNIT**
- **DISPLAY COUNT**
- **CAPACITY**
- **WM1 ADJUST 1**
- **WM1 ADJUST 2**
- **WM1 ADJUST 3**
- **WM2 ADJUST 1**
- **WM2 ADJUST 2**
- **WM2 ADJUST 3**
- **MOTION**
- **MOTION WEIGHT**
- **TARE AUTO PRINT**
- **SAVE TARE**
- **WEIGHT COMPENSATION**
- **AD FFT FILTERING**
- **FRONTAL WEIGHT CALIBRATION**
- **GAIN**

**SCALE PLATFORM D**
- **SCALE ID SETUP**
- **WEIGHT METHOD**
- **DISPLAY UNIT**
- **DISPLAY COUNT**
- **CAPACITY**
- **WM1 ADJUST 1**
- **WM1 ADJUST 2**
- **WM1 ADJUST 3**
- **WM2 ADJUST 1**
- **WM2 ADJUST 2**
- **WM2 ADJUST 3**
- **MOTION**
- **MOTION WEIGHT**
- **TARE AUTO PRINT**
- **SAVE TARE**
- **WEIGHT COMPENSATION**
- **AD FFT FILTERING**
- **FRONTAL WEIGHT CALIBRATION**
- **GAIN**

### Menu 7.3 – Conveyor (JL 73)
- **CONVEYOR LENGTH**
- **CONVEYOR SPINDLE DIA**
- **CONVEYOR PULSES PER REVOLUTION**
- **CONVEYOR MINIMUM WEIGHT**
- **CONVEYOR MINIMUM RPM**
- **CONVEYOR MEASURE EMPTY**
- **CONVEYOR SPEED FACTOR**
- **CONVEYOR RPM AT SPEED FACTOR**
- **CONVEYOR ENABLE SPEED FACTOR**

### Menu 8.0 – Sign-On & Maintenance Messages
- **SIGNON SETTING**
- **SIGNON MESSAGE**
- **MAINTENANCE MESSAGE**
- **MAINTENANCE MESS. TIME**
- **MAINTENANCE MESS. CLEAR**
- **MARQUE ACTIVATION**

### Menu 8.1 Calibration
- **DEAD WEIGHT CAL**
- **TEMP CALIBRATION**
- **CALIBRATION MATCH**

### Menu 8.2 Memory Management
- **CLEAR MEMORY/REUSE**
- **CLEAR NVRAM**
- **CLEAR RECORDS**
- **CLEAR NVRAM**
- **FILL RECORD MEMORY**

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**Updated – 8/17/2018**
Menu 8.7 Setup Number and Settings

- **Setup Number**: Sets up weigh method, gain, display counts, and capacity.
- **Calibration Number**: Ensures weight is displayed at 0.4mV/V for loadcells.
- **Save Current Rest. Image**: Saves current settings into 1 of restore point images. (User, OEM, Factory)
- **Restore Set. To Rest. PT**: Restores a restore point to current settings. (User, OEM, Factory)
- **System Date Format**: Allows date format to be changed when printing stored records.
- **Load Display Pool**: Loads a display pool from the USB device into internal memory.
- **Display Pool Status**: Shows/display pool status in internal memory.
- **Save Raw Factor To USB**: Saves a raw ISOBUS 4KB factor from internal memory (serial flash) onto a USB device.
- **Load Raw Factor From USB**: Loads a raw ISOBUS 4KB factor from the USB device into internal memory.
- **View ISOBUS Utilization**: Views ISOBUS CAN traffic usage as a percent (between 0-100%).
- **ISOBUS VT Enable**: Enables/disables uploading mask (pool) data up to a VT.
- **ISOBUS Name**: Allows selection of the device name. SL1 or SL2 (For use in ISOBUS applications).
- **Application Send**: Enables sending of application specific information (For use in ISOBUS applications).

Please note: Scale specific Setup and Calibration settings can be affected by the same global settings above. When changed, they will affect the currently selected scale.

### Scale Platform A

- **Setup Number**: Sets up weigh method, gain, display counts, and capacity.
- **Calibration Number**: Ensures weight is displayed at 0.4mV/V for loadcells.

### Scale Platform B

- **Setup Number**: Sets up weigh method, gain, display counts, and capacity.
- **Calibration Number**: Ensures weight is displayed at 0.4mV/V for loadcells.

### Scale Platform C

- **Setup Number**: Sets up weigh method, gain, display counts, and capacity.
- **Calibration Number**: Ensures weight is displayed at 0.4mV/V for loadcells.

### Scale Platform D

- **Setup Number**: Sets up weigh method, gain, display counts, and capacity.
- **Calibration Number**: Ensures weight is displayed at 0.4mV/V for loadcells.

### Miscellaneous Utilities

- **All GPS Memory To USB**: Advanced diagnostics tool, dumps GPS memory to USB.
- **All Rest. Point Mem To USB**: Advanced diagnostics tool, dumps all binary data in restore images memory to USB.
- **Keystest**: Enables front panel key test.
- **Key Log Dump**: Downloads the last 680 keys pressed on the indicator.
- **Clock**: Enables clock – press any key to return to weighing mode.