This method allows direct access to individual Setup & Calibration Settings. Enter the Direct Access Number of the setting you would like to change on the numeric keypad and then press the SELECT key. The display will show the setting name and then allow the value to be changed. Pressing the ON or ENTER key will return the scale to weighing. Jump Lists will start at the beginning of the menu and step through all options by press the ON or ENTER key. To access Jump Lists, enter the corresponding menu number and then press and hold FUNCTION key.

LONG FORM - SETUP/CALIBRATION SETTINGS Please note: Settings will only be displayed if the feature is found in the indicator model

MENU 1 – GENERAL SETTINGS (Jump List 1)

Menu 1.0 – General Settings (JL 10)

*LANGUAGE {LANGAG}	1001	Select Language to be displayed.
*DISPLAY RATE {D RATE}	1002	Update Display 1, 2, 3, or 4 Times per Second.
*SCALE ID SETUP {SCALID}	1003	Identity of scale location (Truck ID or Mixer Number).
*ZERO TRACK {ZTRACK}	1004	ON = zero track adjust balance for buildup of snow & mud.
*WEIGH METHOD {W MTHD}	1005	Select weigh method 1-General, 2-Slow, 3-Fast, or 4-Lock - On (Stockweigh only)
*1 PRESS ZERO {1 ZERO}	1006	ON = Press and hold the Zero key to Zero/Balance scale.
AUTO OFF {AUTOFF}	1007	Indicator turns off after selected minutes of stable weight.
*DISPLAY UNIT {LB-KG}	1008	Display pounds - lb or kilograms - kg
*WEIGHT COMPENSATION {WT COM}	1009	Enables weight compensation functionality
*PRE FILTERING {PREFLT}	1011	Enables pre-filtering before W MTHD is applied

Menu 1.1 – General Settings 2 (JL 11)

*SCROLL DELAY {SCROLL}	1101	Slow scroll rate for cold temperatures, 0=normal to 9=slowest.
*SAVE TARE {SAVTAR}	1102	ON = Indicator will save tare weight to non-volatile memory.
*PRELOAD TARE {PRETAR}	1103	ON = tare weights can be entered using the numeric keypad
POWER LOSS MESSAGE {PWRLOS}	1104	ON = stores time/date of power loss and displays data when power is restored

Menu 1.2 – Time & Date (JL12)

*TIME FORMAT {TIME F}	1201	Select time format - AM/PM or 24 hour
*TIME {TIME}	1202	Select key changes time, Function key choses hh:mm:ss.
*DATE FORMAT {DATE F}	1203	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.
*DATE {DATE}	1204	Select key changes date - Function key choses mm/dd/yy
*DATE CHECK {DT CHK}	1205	ON = Indicator verifies the real time clock has a valid date at power up

Menu 1.4 – remote inputs (JL 14)

*REMOTE INPUT 1 {RMINP1}	1401	Set function of remote input line on the power cord.
*REMOTE SWITCH MESSAGE {R1MSG}	1402	Message that is displayed for remote input switch condition.
*REMOTE SWITCH STATE {R1STAT}	1403	Sets line state to display message and/or illuminate alarm lamp. OPEN or CLOSED
*REMOTE SWITCH TIME {R1TIME}	1404	Set how often the remote switch message is displayed. Once every 1-9 seconds.
*REMOTE INPUT 1 PULL {R1PULL}	1405	Set "pull" state of remote input 1. PULLUP or PULLDN
*REMOTE INPUT 2 {RMINP2}	1411	Set function of remote input line of remote port or TR key.
*REMOTE SWITCH MESSAGE {R2MSG}	1412	Message that is displayed for remote input switch condition.
*REMOTE SWITCH STATE {R2STAT}	1413	Sets line state to display message and/or illuminate alarm lamp. OPEN or CLOSED
*REMOTE SWITCH TIME {R2TIME}	1414	Set how often the remote switch message is displayed. Once every 1-9 seconds

Menu 1.9 – Diagnostic 1 (JL 19)

LOAD CELL DIAGNOSTIC {LCDIAG}	1997	Enables a load cell diagnostic screen on an attached UT
*PROGRAM ID {PRG ID}	1998	Displays the software version.
ESTIMATE WEIGHT {EST WT}	1999	Adjust Gross weight of scale by changing the zero/balance.

MENU 2 – COMMUNICATIONS, REMOTE, AND ISOBUS (Jump List 2)

Menu 2.0 – Communications (JL20)

*REMOTE {REMOTE}	2001	ON = Communicate with Cab Control Display, MTLINE = 3 Line Display Cab Control
*SCALE NUMBER {SCL NO}	2002	Select Scale Number for Cab Control communications.
*EXTERNAL RADIO {EXTRAD}	2003	ON = Enables external radio to be attached to the J905 port.
*DDL ATTACHED {DDL}	2004	ON = Enables the DDL to be attached to the J905 port.
*EZ2 AUDIBLE COMMANDS {EZ2AUD}	2005	ON = Enables an audible notification when an EZ2 command is sent.
RADIO ID HARDWARE {RADIHW}	2098	Displays radio hardware information. EXTRNL or INTRNL and hardware type.

Menu 2.1 – Scoreboard & Operational Status Messages (JL 21)

*SCOREBOARD MODE {SCOREM}	2101	Select scoreboard output.
ZERO OUTPUT {ZEROUT}	2102	Perform the Zero/Balance for the SCOREM #11 weight output.
*FRONT PANEL ZEROUT {ZEROFP}	2103	Use Zero key to zero out the serial gross weight.
*SCOREBOARD MODE 2 {SCRM 2}	2104	Select scoreboard output number 2.
*OPERATING STATUS {OPSTAT}	2111	Select operating data to be sent to a Remote Terminal.
*DYNAMIC VARIABLE ADJUST {-DVADJ}	2199	ON = Causes negative sign to be left justified and numeric values right justified.

Menu 2.2 – Port Settings (JL 22)

*COM 1 BAUD RATE {C1 BD}	2201	Sets COM1 baud rate to 1200 – 115200
*COM 1 PARITY {C1 PAR}	2202	Sets COM1 parity to EVEN, ODD, or NONE.
*COM 1 DATA BITS {C1DATA}	2203	Sets COM1 data to 7 or 8.
*COM 1 DELAY {C1 DLY}	2204	Select seconds to delay before advancing to next line.
*COM 2 BAUD RATE {C2 BD}	2211	Sets COM2 baud rate to 1200 – 115200
*COM 2 PARITY {C2 PAR}	2212	Sets COM2 parity to EVEN, ODD, or NONE.
*COM 2 DATA BITS {C2DATA}	2213	Sets COM2 data to 7 or 8.
*COM 2 DELAY {C2 DLY}	2214	Select seconds to delay before advancing to next line

Menu 2.3 – Print (JL 23)

*TARE AUTO PRINT {TAREAP}	2301	ON = tare will auto-print displayed weight.
*ONE LINE PRINT {1L PRT}	2302	ON = scale data will be printed on one line.
*AUTO PRINT {APRINT}	2303	ON = pressing keys will auto-print weight values.
*PRINT FORMAT {PRTFMT}	2304	Select alternate & comma (CSV) formats.
PRINT ACCUMULATION {PRTACC}	2305	Shows a running total of the weights printed.
PRINT BUFFER {BUFFER}	2306	If enabled, data sent to the printer port is also stored in scales non-volatile memory.

Menu 2.4 – Remote Display (JL 24)

*REMOTE DISPLAY {RMDISP}	2401	Select type of Remote Display.
*REMOTE TERMINAL {RMTERM}	2402	ON = Display data is sent to a Remote Terminal.
*AUTO DETECT REM. DISPLAY {AUTORD}	2403	When enabled, indicator will auto-detect connected remote display.
*BAR GRAPH MODE {BARGRP}	2411	Select output for bar graph display.
*BAR GRAPH ENABLE {WTGRPH}	2412	Enables bar graph for gross weighing mode.
*BAR GRAPH WEIGHT {BAR WT}	2413	Enter the Full Scale Gross weight for the bar graph display.
*PRESET GRAPH ENABLE {PRGRPH}	2414	Enables bar graph for preset weights.
*TIMER GRAPH ENABLE {TMGRPH}	2415	Enables bar graph for timer/rotation counts.
*INGREDIENT GRAPH ENABLE {INGRPH}	2416	Enables bar graph for ingredient preset weights.
*NON-DIGI-STAR DISPLAY {NONDSR}	2417	Enables non-digi-star display mode.

Menu 2.7 – ISOBUS (JL 27)

*ISOBUS WEIGHT {ISO WT}	2701	Select rate to broadcast ISOBUS weight data.
*ISOBUS BASE ADDRESS {ISOADR}	2702	Assign starting base the ISOBUS gateway should 'address claim.
*USE ISOBUS DDI VALUES {ISODDI}	2704	ON = Send ISO WT using ISOBUS DDI's 229 & 232. OFF – use D/S legacy DDIs.
*ISOBUS VT INSTANCE NUMBER {ISOINT}	2705	Preferred virtual terminal instance to display mask on.
*ISOBUS SERIAL GROSS {ISO SG}	2706	Enables serial gross output to be trasmit on CANBUS
*CAN MESSAGE TYPE {CANMSG}	2711	Allows for entry of a proprietary can message type.
*CAN MESSAGE INTERVAL {CANINT}	2712	Allows editing of the interval time for the CANMSG output.

Menu 2.8 – WIFI

WIFI NAME {WIFINM}	2801	WIFI network SSID
WIFI PASSWORD {WIFIPS}	2802	Password for WIFI network
WIFI CHANNEL {WIFICH}	2803	Select WIFI channel number for Datalink and/or Cab Control communications
DISPLAY WIFI VERSION {WIFVER}	2804	Displays version of connected WIFI-ERM
DISPLAY BLUETOOTH VERSION {BLEVER}	2834	Displays the Bluetooth firmware version

MENU 3 – MOTION, WEIGHT, and ANALOG OUT (Jump List 3)

Menu 3.0 – Weight (JL 30)

*DISPLAY COUNT {COUNT}	3001	Select display count size of weigh values.
*CAPACITY {CAP}	3002	Enter MAXIMUM weight measurable on scale.
*WM1 ADJUST 1 {WMA1-1}	3003	Increase this number to smoothen weighing (2 to 100)
*WM1 ADJUST 2 {WMA1-2}	3004	0=OFF. Use value less than WMA1-1 for quick weight response.
*WM1 ADJUST 3 {WMA1-3}	3005	Enter the weight to activate quick weight response.
*WM2 ADJUST 1 {WMA2-1}	3006	Increase this number to smoothen weighing
*WM2 ADJUST 2 {WMA2-2}	3007	0=OFF. Use value less than WMA2-1 for quick weight response.
*WM2 ADJUST 3 {WMA2-3}	3008	Enter the weight to activate quick weight response.
*FRACTIONAL WEIGHT CALIBRATION {CAL100}	3011	Enables use of fractional CAL numbers
*A, B, C DISPLAY FORMAT {ABCDSP}	3091	Select Single (A, B, C), Total (A+B+C), or Combined (1 scale, 3 inputs) for ABC scales.
GAIN {GAIN}	3092	Select gain setting to be used for scale platform. (.75mv/v, 1.5mv/v, 3mv/v)

Menu 3.1 – Motion (JL 31)

*MOTION {MOTION}	3101	ON = motion arrow flashes for unstable weight.
*MOTION WEIGHT {MOT WT}	3102	Enter weight used to detect Motion. 0=Standard Motion detection.

Menu 3.2 – Analog Out (JL 32)

ANALOG LOW WEIGHT {LOW WT}	3201	Enter Analog weight value to equal 4mA or 0 Volts.
ANALOG HIGH WEIGHT {HIGHWT}	3202	Enter Analog weight value to equal 20mA or 5 Volts.
ANALOG SELECT {ANAOUT}	3203	Select 0-5V or 0-20ma output.
NEGATIVE ANALOG OUTPUT {-ANALG}	3204	Allow 4-20mA to output weight values less than Analog Low Weight.
ANALOG OUTPUT TEST {ANTEST}	3209	Select output for testing. Normal, Min, Max, or Saw.

Menu 3.3 – Accelerometer (JL 33)

*ACCELEROMETER MACHINE LEVEL {MOTLVL}	3304	Allows of leveling of accelerometer when installed on machine.
*ACCELEROMETER FILTER {ACLFLT}	3305	Decrease this number to smoothen filtering
*ACCELEROMETER DELTA DEGREE ADJUST {DEGDAL}	3307	Enter maximum allowable degree change to save a new value.
*ACCELEROMETER AVERAGE {ACLAVG}	3308	Enter frequency of averaging sample data.
*ACCELEROMETER FORWARD DIRECTION {ORIENT}	3309	Set forward direction of accelerometer (Back, Front, Left, Right, Top, Bottom)
*ACCELEROMETER PITCH ADJUST {P ADJ}	3311	Allows adjustment of the accelerometer pitch (Entered in degrees)
*ACCELEROMETER ROLL ADJUST {R ADJ}	3312	Allows adjustment of the accelerometer roll (Entered in degrees)
*ACCELEROMETER PITCH RANGE {P RANG}	3313	Enter maximum range of the displayed pitch.
*ACCELEROMETER_ROLL_RANGE {R RANG}	3314	Enter maximum range of the displayed roll.
*ACCELEROMETER OVER FORCE {OVRFRC}	3315	Enter maximum force device will use to calculate angles without error.

MENU 4 – PRESET, ALARM, and TIMER (Jump List 4)

Menu 4.0 - Preset, Alarm, and Timer (JL 40)

*PRE ALARM METHOD {P MTHD}	4001	Select weight or percentage method, then enter a value to activate an early warning that scale is reaching the preset.
*PRE ALARM {P-ALM}	4002	Enter a value to activate an early warning that scale is reaching the preset.
*ALARM OUTPUT {AL OUT}	4003	Select Preset OR TR to control Relay, Horn & Lamp. Switch to control Lamp.
*BUZZER {BUZZER}	4004	ALARM BUZZER–Alarm Horn can be shortened or turned OFF.
*RELAY {RELAY}	4005	Select behavior for +12VDC Alarm Output.
*PRESET ADVANCE DELAY {PRTDLY}	4006	Select seconds to delay before clearing a normal preset.
*RELAY OUT {RLYOUT}	4008	Select the state of the relay when preset is reached. SIG12V or SIG 0V.
*PRESET CLEAR ON PRINT {PRCLPT}	4009	ON = Clears preset and preset ID when a print occurs.
*ING/PEN WEIGHT TOGGLE {WEITOG}	4012	When enabled, ingredient/pen name will toggle if no motion is detected for 6 seconds.

Menu 4.1 – Setpoint (JL 41)

*SET OVER UNDER {SETOUT}	4101	Select ON for +12VDC ALARM when Over or UNDER set point.
*CHANGE WEIGHT {SETCHG}	4102	Enter the weight below the set point for output to change.
*CHANGE DELAY {SETDEL}	4103	Time 12V Alarm output remains constant before it changes.
*SET POINT {SETPNT}	4104	Enter set point at which 12V Alarm output changes.
*SET POINT COUNTER {SETCTR}	4105	Counts how many times set point is activated.
*SET POINT WEIGHT SOURCE {STWTSC}	4106	Select weight source to activate the 12V Alarm (normal or serial)

Menu 4.2 – Preset Tolerance (JL 42)

*TOLERANCE METHOD {T MTHD}	4201	Select weight or percentage method, then enter a value to accept preset and print and clear.
*TOLERANCE {TOLER}	4202	Enter a value to accept preset and print and clear.
*TOLER OVER LOCK {OVERLK}	4203	ON = prevents auto-advancing if preset exceeds tolerance

Menu 4.3 – Mixer Revolutions (JL 43)

*TIMER/COUNTER {TMRCTR}	4301	Select time or mixer revolutions to decrement mix timer/counter.
*DRIVE RATIO {DRATIO}	4302	Enter the number of input pulses that equal 1 mixer revolution.

MENU 5 – COMMUNICATION PORT MAPPING (Jump List 5)

Menu 5.0 – Port Outputs (JL 50)

*REMOTE DISPLAY PORT {RMDPRT}	5001	Sets serial remote display output. OFF, COM1, COM2, or COM 3
*RADIO PORT {RADPRT}	5002	Sets internal radio port. OFF, COM1, COM2, or COM 3
*EXTERNAL RADIO PORT {EXRPRT}	5003	Sets external radio port. OFF, COM1, COM2, or COM 3
WI-FI PORT {WIPORT}	5004	Sets external WiFi port. OFF, COM1, COM2, or COM 3
*PRINTER PORT {PRPORT}	5005	Sets printer port. OFF, COM1, COM2, or COM 3
*SCOREBOARD PORT {SCPORT}	5006	Sets scoreboard port. OFF, COM1, COM2, or COM 3
*OPSTAT PORT {OPSTAT}	5007	Sets opstat port. OFF, COM1, COM2, or COM 3.
*DDL PORT {DDLPRT}	5009	Sets DDL port. OFF, COM1, COM2, or COM 3
*20MA MIRROR PORT {20MAMR}	5011	Sets port for 20MA signal to mirror. OFF, COM1, COM2, or COM 3
*RECIPE PORT {RECPRT}	5012	Sets recipe output port. OFF, COM1, COM2, or COM 3
*GPS PORT {GPSPRT}	5013	Sets GPS port. OFF, COM1, COM2, COM 3, or COM 4
*SCOREBOARD 2 PORT {SC2PRT}	5015	Sets Scoreboard 2 output port. OFF, COM1, COM2, COM 3, or COM 4
*BLUETOOTH PORT {BLPORT}	5016	Sets Bluetooth port. OFF, COM1, COM2, COM 3, or COM 4
*REMOTE DISPLAY PORT 2 {RMD2PT}	5018	Sets serial remote display output 2. OFF, COM1, COM2, or COM 3
*CAN PORT {CANPRT}	5111	Sets CAN port. 1 or 2
*DEBUG PORT {DBGPRT}	5999	Sets internal debug port. OFF, COM1, COM2, or COM 3

MENU 6 – APPLICATION SPECIFIC (Jump List 6)

Menu 6.0 – Common Batching (JL 60)

BATCH PRE-ALARM METHOD {BPMTHD}	6001	Select weight or percentage method for batch pre-alarm
BATCH PRE-ALARM {BP-ALM}	6002	Enter value to activate an early warning that scale is reaching preset.
INGRED. TOLERANCE METHOD {ITMTHD}	6003	Select weight or percentage method for ingredient tolerance.
INGREDIENT TOLERANCE {ITOLER}	6004	Enter value to accept ingredient for auto advance.
PEN TOLERANCE METHOD {PTMTHD}	6005	Select weight or percentage method for pen tolerance.
PEN TOLERANCE {PTOLER}	6006	Enter value to accept pen for auto advance.
BATCH TOLERANCE OVERLOCK{BOVRLK}	6007	ON = prevents auto-advancing if preset exceeds tolerance
BATCH ADVANCE DELAY {BDELAY}	6008	Select seconds to delay before advancing to next feedline.
MANUAL PEN ADVANCE {MANPEN}	6009	ON = Overrides Automatic advance for Pens.
INGREDIENT STARTED WEIGHT {ISTART}	6011	This weight threshold determines if the ingredient has been started.
PEN WEIGHT {PEN WT}	6012	Select method for displaying pen weight - Net, Load, or Gross.
RESIZE RECIPE {RESIZE}	6013	ON = operator can change recipe size.

Menu 6.0.5 – Common Batching/Selection Based on Application

RECIPE PRINT FORMAT {RECFMT}	6051	Defines how scale will print when in weighing mode or a batch.
RECIPE TOTAL {RECTOT}	6052	Selects Total amount to be displayed when starting recipe.
INGREDIENT RE-SIZING {INGSIZ}	6053	Selects Automatic Ingredient Re-Sizing mode.
PROGRAM RECIPE {PROGRM}	6054	Selects program method, PC or at SCALE.

Menu 6.1 – 3410 Batching (JL 61)

ENTRY METHOD {E MTHD}	6101	Select batching 1-amount/animal 2-percent/load 3-amount/load.
DISPLAY SCOOP % {SCOOP%}	6102	ON = displays scoop percentage to load.
INGREDIENT NAMES {INGRNM}	6103	ON = displays ingredient names while batching
ACCUMULATION {ACCUM}	6104	ON = load/unload weights are accumulated while batching.

Menu 6.2 – 3610/4610 Batching (JL 62)

FORCE USER ID {USERID}	6201	ON = operator MUST enter User ID to use scale.
RECIPE KEYS {RECKEY}	6202	ON = disables certain keys when Loading / Unloading Recipe.
BATCH NUMBER {BATNUM}	6203	Select either PC or EZ to control the batch number.
DOUBLE KEY {DBLKEY}	6204	Ignore extra INGR ADVANCE keys while feeding.
RECIPE REMAIN ACTIVE {RE-USE}	6205	Allows recipes to be RE-USED for another load.
RECIPE ENTRY METHOD {RENTRY}	6206	Select recipe start method - recipe name or batch number.
SPLIT LOAD {SPLOAD}	6207	ON = Pen presets are re-calculated after each ingredient/pen.
STARTING PRESET WEIGHT {STPRST}	6208	ON = Return the starting preset in the timer/bunk read field of feedline
SMALL INGREDIENT DISPLAY {SMINGR}	6209	Enter value to display small ingredient message.
UNDONE RECIPES {UNDON I}	6211	ON = displays all incomplete recipes.
DISPLAY RECIPE PENS {RECPEN}	6212	ON = pens are displayed when selecting recipes.
ERASE DONE FEEDLINE {ERASFD}	6214	ON = Erases done feedlines after data transfer.
MEDIA STORAGE {MSTORE}	6215	Select MANUAL, AUTO or Quick START methods for transferring recipe information
RANGE TEST {R-TEST}	6216	ON = Feedlines sent from DataLink are marked "done".
AUTO START PENS {AUTPEN}	6217	ON = Starts Pens List after Recipe is loaded.
FEED ZONE {FDZONE}	6218	Select feed zone for recipe deliveries.
PARTIAL FEEDING {PARTFD}	6219	ON = Partial feedings will be recorded.
MIMIC TYREL {TC1300}	6221	ON = Records preset weights like a Tyrel TCX-1300 Indicator.
PEN CHECK METHOD {PCMTHD}	6222	Select weight or percentage method for pen check option.
PEN CHECK {PENCHK}	6223	Enter value to verify if pen has been underfed.
PEN STARTED WEIGHT {PSTART}	6224	This weight threshold determines if the pen has been started.
DUMP DATA ON CLEAR {DDOCLR}	6225	When recipe/pen is exited by pressing CLEAR key, an output is sent to the printer.
LEGACY BATCH NUMBER {LBTNUM}	6226	Modifies batch number when indicator is used in Batch Box / Stationary Mixer mode
AUTO HOLD {AUTHLD}	6231	Enables / Disables Auto Hold feature
AUTO HOLD MIMIMUM RPM {AHMRPM}	6232	Minumum detected RPMs to trigger Auto-Hold (0-3000)
AUTO HOLD DELAY {AH DLY}	6233	Delay Time to Start / Stop Auto-Hold feature

Menu 6.3 – Preset Active Signal (JL 63)

		OUTPUT SIGNAL CONTROL
UNLOAD WEIGHT DISPLAY {UNWEDI}	6301	NET = From zero, GROSS = Display total weight, LOAD = Unload from preset
AUTO LOAD PRESET {ALP}	6302	ON = Load the stored preset when unloading begins.
PRESET ACTIVE SIG. TIMEOUT {PAST}	6303	Time to continue preset active signal after preset is reached.
UNLOAD ALARM {U ALRM}	6304	UNLOAD ALARM BUZZER – Alarm duration can be shortened or turned OFF.
OUTPUT TOLERANCE METHOD{OTATHD}	6305	Select weigh or percentage method for output tolerance method.
OUTPUT TOLERANCE {OTOLER}	6306	Enter value to accept preset active signal, in line with the relay setting
UNLOAD DELAY {UDELAY}	6308	Enter seconds to delay printing of the record when loading/unloading is completed **(ST3410 ONLY)**

Menu 6.4 – AUTOLOG (JL 64)

RPM START/STOP CONTROL {RSSCTL}	6401	Three settings available, RPM, SWITCH, or MANUAL.
RPM STOP SPEED {RSSMIN}	6402	Set to 20-50% of PTO operating RPMs. Stop is activated using this value.
RPM START TOL SPEED {RSSTOL}	6403	Set to 10% of PTO operating RPMs. Start is activated using this value + D.A.N. 6402
RPM START DELAY {RSSTDY}	6404	Start activated when RPMs above D.A.N 6402 + D.A.N. 6403 for this time in seconds
RPM STOP DELAY {RSSPDY}	6405	Stop activated when RPMs below D.A.N 6402 for this time is seconds
RMT CC START STOP ENABLE {RMC EN}	6406	ON = Enables Cab Control start/stop control.
GPS TRIGGER TOLERANCE {GPSTOL}	6408	Enter weight change that will trigger GPS recording.
GPS STARTUP ENABLE {GPSHOW}	6409	Enables GPS Satellite screen upon startup.
FEEDBOX STRT/STP POLARITY {FS POL}	6411	Select Open or Close to activate automatic Start/Stop.
SWITCH START DELAY {SWSTDY}	6412	Seconds to delay start after switch is enabled.
SWITCH STOP DELAY {SWSPDY}	6413	Seconds to delay stop after switch is disabled.

Menu 6.5 – Nutrient/Yield Tracker (JL 65)

APPLICATION UNITS {A UNIT}	6501	Enter application units in English or Metric.
APPLICATION RATE {RATE}	6502	Enter the desired rate in Tons per Acre (or Tonnes / Hectare).
APPLICATION WIDTH {WIDTH}	6503	Enter the spread width in feet (or meters).
TOTAL ACRES {ACRES}	6504	Shows a running total of acres spread/harvested on the selected field.
APP RATE ESTIMATE {ARATE1}	6505	The number of weight samples used for the application rate estimate. Increase value to smoothen (2 to10).
APP RATE AVERAGE {ARATE2}	6506	The number of rate samples averaged. Increase value to smoothen (1 to 5).
APP RATE WINDOW {ARATE3}	6507	Determines range for minimum or maximum samples. Uses minimum samples when outside of window. 0 = 'OFF', 1 = RATE
APP MINIMUM SAMPLES {ARATE4}	6508	Minimum samples used in APP RATE WINDOW. Decrease for faster response.
APP RATE EQUAL WEIGHTS {AWEQUL}	6509	Increase value for low application rates.
APP RATE SPEED ADJUST {ARATES}	6510	Select FAST for faster response when beginning to unload.
APP RATE LOAD / UNLOAD {A L/UL}	6511	Select Load, Unload, or Auto detect for displaying T/A while loading or unloading.
GPS STORAGE INTERVAL {GPSSTR}	6512	Time interval used to store GPS data.
APP RATE MINIMUM SPEED {APMNSP}	6513	Minimum speed to use when calculating application rate
LOAD/UNLOAD MEASURE {MUNITS}	6514	Select units to be measured. TONS or LB
GPS STORAGE LOCATION {GPSTLC}	6515	Select location to store USB records.
GPS SERIAL STREAMING {GPSSSR}	6516	When enabled, GPS application rate data is streamed out the serial port.
RESET USB STORAGE {CLRARU}	6599	Resets USB storage if errors occur..

Menu 6.6 – Seed Tender (JL 66)

NUMBER OF BINS {BINNUM}	6601	Number of bins 0-10, 0 = bin feature off.
VARIABLE THROTTLE {STTHRO}	6613	ON = Enables seed tender variable throttle control

Menu 6.8 – Moisture (JL 68)

MOISTURE WEIGHT TOLER {MWTHRD}	6801	Enter unloaded weight to indicate flow over sensor.
SHOW CURRENT MOISTURE {SHOWAT}	6802	Displays current moisture value.
SHOW MOISTURE TEMP. {SHOTMP}	6803	Display current temperature in Fahrenheit.
SHOW BUSHEL WEIGHT {BUSHOW}	6804	Shows bushel weight on active screen.
CLEAR VOLTAGE MEMORY {CLRDMV}	6894	Clears all moisture voltage data.
MOISTURE VOLT. RECORDS {MVMREC}	6896	Displays the number of voltage records in memory.
SAVE MOISTURE VOLT. REC. {SAVMDV}	6897	Save moisture voltage records to USB.
SAVE ALL MOIST. RECORDS {MDDUMP}	6898	Saves all moisture data to USB.
MOISTURE DEBUG {MDEBUG}	6899	ON = output debug messages through serial port.

Menu 6.9 – Baler (JL 69)

BALER MAX RANGE {MAXRNG}	6901	Sample Range to average when finding MAX value.
BALER MAX RANGE OFFSET {MAXOFF}	6902	Offset from last peak before drop for end-point of max. range averaging.
BALER MINIMUM RANGE {MINRNG}	6903	Sample Range to average when finding MIN value (empty chute weight).
BALER SLOPE AVG. TRIP POINT{SLOPAG}	6904	Magnitude of negative slope-average threshold that triggers bale drop detection.
BALE MINIMUM WEIGHT {MIN WT}	6905	Default value to be used for minimum weight (empty bale chute).
TARGET BALE WEIGHT {TRGBWT}	6906	Default Target Bale Weight used to improve rejection of false bale-drop detections.

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 {SCALID}	7101	Identity of scale location (Truck ID or Mixer Number).
*WEIGH METHOD {W MTHD}	7103	Select weigh method 1-General, 2-Slow, 3-Fast, or 4-Lock - On (Stockweigh only)
*DISPLAY UNIT {LB-KG}	7104	Display pounds - lb or kilograms - kg
*DISPLAY COUNT {COUNT}	7105	Select display count size of weigh values.
*CAPACITY {CAP}	7106	Enter MAXIMUM weight measurable on scale.
*WM1 ADJUST 1 {WMA1-1}	7107	Increase this number to smoothen weighing (2 to 100)
*WM1 ADJUST 2 {WMA1-2}	7108	0=OFF. Use value less than WMA1-1 for quick weight response.
*WM1 ADJUST 3 {WMA1-3}	7109	Enter the weight to activate quick weight response.
*WM2 ADJUST 1 {WMA2-1}	7111	Increase this number to smoothen weighing
*WM2 ADJUST 2 {WMA2-2}	7112	0=OFF. Use value less than WMA2-1 for quick weight response.
*WM2 ADJUST 3 {WMA2-3}	7113	Enter the weight to activate quick weight response.
*MOTION {MOTION}	7114	ON = motion arrow flashes for unstable weight.
*MOTION WEIGHT {MOT WT}	7115	Enter weight used to detect Motion. 0=Standard Motion detection.
*TARE AUTO PRINT {TAREAP}	7116	ON = tare will auto-print displayed weight.
*SAVE TARE {SAVTAR}	7117	ON = Indicator will save tare weight to non-volatile memory.
*WEIGHT COMPENSATION {WT COM}	7118	Enables weight compensation functionality for scale platform A
*PRE FILTERING {PREFLT}	7119	Enables pre-filtering for scale platform A
*FRACTIONAL WEIGHT CALIBRATION {CAL100}	7121	Enables use of fractional CAL numbers for scale platform A
GAIN {GAIN}	7122	Select gain setting to be used for scale platform. (.75mv/v, 1.5mv/v, 3mv/v)

SCALE PLATFORM B

*SCALE ID SETUP {SCALID}	7151	Identity of scale location (Truck ID or Mixer Number).
*WEIGH METHOD {W MTHD}	7153	Select weigh method 1-General, 2-Slow, 3-Fast, or 4-Lock - On (Stockweigh only)
*DISPLAY UNIT {LB-KG}	7154	Display pounds - lb or kilograms - kg
*DISPLAY COUNT {COUNT}	7155	Select display count size of weigh values.
*CAPACITY {CAP}	7156	Enter MAXIMUM weight measurable on scale.
*WM1 ADJUST 1 {WMA1-1}	7157	Increase this number to smoothen weighing (2 to 100)
*WM1 ADJUST 2 {WMA1-2}	7158	0=OFF. Use value less than WMA1-1 for quick weight response.
*WM1 ADJUST 3 {WMA1-3}	7159	Enter the weight to activate quick weight response.
*WM2 ADJUST 1 {WMA2-1}	7161	Increase this number to smoothen weighing
*WM2 ADJUST 2 {WMA2-2}	7162	0=OFF. Use value less than WMA2-1 for quick weight response.
*WM2 ADJUST 3 {WMA2-3}	7163	Enter the weight to activate quick weight response.
*MOTION {MOTION}	7164	If ON - motion arrow flashes for unstable weight.
*MOTION WEIGHT {MOT WT}	7165	Enter weight used to detect Motion. 0=Standard Motion detection.
*TARE AUTO PRINT {TAREAP}	7166	ON = tare will auto-print displayed weight.
*SAVE TARE {SAVTAR}	7167	ON = Indicator will save tare weight to non-volatile memory.
*WEIGHT COMPENSATION {WT COM}	7168	Enables weight compensation functionality for scale platform B
*PRE FILTERING {PREFLT}	7169	Enables pre-filtering for scale platform B
*FRACTIONAL WEIGHT CALIBRATION {CAL100}	7171	Enables use of fractional CAL numbers for scale platform B
GAIN {GAIN}	7172	Select gain setting to be used for scale platform. (.75mv/v, 1.5mv/v, 3mv/v)

Menu 7.2– Scale Specific Settings (Scales C&D - JL72)

SCALE PLATFORM C

*SCALE ID SETUP {SCALID}	7201	Identity of scale location (Truck ID or Mixer Number).
*WEIGH METHOD {W MTHD}	7203	Select weigh method 1-General, 2-Slow, 3-Fast, or 4-Lock - On (Stockweigh only)
*DISPLAY UNIT {LB-KG}	7204	Display pounds - lb or kilograms - kg
*DISPLAY COUNT {COUNT}	7205	Select display count size of weigh values.
*CAPACITY {CAP}	7206	Enter MAXIMUM weight measurable on scale.
*WM1 ADJUST 1 {WMA1-1}	7207	Increase this number to smoothen weighing (2 to 100)
*WM1 ADJUST 2 {WMA1-2}	7208	0=OFF. Use value less than WMA1-1 for quick weight response.
*WM1 ADJUST 3 {WMA1-3}	7209	Enter the weight to activate quick weight response.
*WM2 ADJUST 1 {WMA2-1}	7211	Increase this number to smoothen weighing
*WM2 ADJUST 2 {WMA2-2}	7212	0=OFF. Use value less than WMA2-1 for quick weight response.
*WM2 ADJUST 3 {WMA2-3}	7213	Enter the weight to activate quick weight response.
*MOTION {MOTION}	7214	ON = motion arrow flashes for unstable weight.
*MOTION WEIGHT {MOT WT}	7215	Enter weight used to detect Motion. 0=Standard Motion detection.
*TARE AUTO PRINT {TAREAP}	7216	ON = tare will auto-print displayed weight.
*SAVE TARE {SAVTAR}	7217	ON = Indicator will save tare weight to non-volatile memory.
*WEIGHT COMPENSATION {WT COM}	7218	Enables weight compensation functionality for scale platform B
*PRE FILTERING {PREFLT}	7219	Enables pre-filtering for scale platform C
*FRACTIONAL WEIGHT CALIBRATION {CAL100}	7221	Enables use of fractional CAL numbers for scale platform B
GAIN {GAIN}	7222	Select gain setting to be used for scale platform. (.75mv/v, 1.5mv/v, 3mv/v)

SCALE PLATFORM D

*SCALE ID SETUP {SCALID}	7251	Identity of scale location (Truck ID or Mixer Number).
*WEIGH METHOD {W MTHD}	7253	Select weigh method 1-General, 2-Slow, 3-Fast, or 4-Lock - On (Stockweigh only)
*DISPLAY UNIT {LB-KG}	7254	Display pounds - lb or kilograms - kg
*DISPLAY COUNT {COUNT}	7255	Select display count size of weigh values.
*CAPACITY {CAP}	7256	Enter MAXIMUM weight measurable on scale.
*WM1 ADJUST 1 {WMA1-1}	7257	Increase this number to smoothen weighing (2 to 100)
*WM1 ADJUST 2 {WMA1-2}	7258	0=OFF. Use value less than WMA1-1 for quick weight response.
*WM1 ADJUST 3 {WMA1-3}	7259	Enter the weight to activate quick weight response.
*WM2 ADJUST 1 {WMA2-1}	7261	Increase this number to smoothen weighing
*WM2 ADJUST 2 {WMA2-2}	7262	0=OFF. Use value less than WMA2-1 for quick weight response.
*WM2 ADJUST 3 {WMA2-3}	7263	Enter the weight to activate quick weight response.
*MOTION {MOTION}	7264	ON = motion arrow flashes for unstable weight.
*MOTION WEIGHT {MOT WT}	7265	Enter weight used to detect Motion. 0=Standard Motion detection.
*TARE AUTO PRINT {TAREAP}	7266	ON = tare will auto-print displayed weight.
*SAVE TARE {SAVTAR}	7267	ON = Indicator will save tare weight to non-volatile memory.
*WEIGHT COMPENSATION {WT COM}	7268	Enables weight compensation functionality for scale platform B
*PRE FILTERING {PREFLT}	7269	Enables pre- filtering for scale platform D
*FRACTIONAL WEIGHT CALIBRATION {CAL100}	7271	Enables use of fractional CAL numbers for scale platform B
GAIN {GAIN}	7272	Select gain setting to be used for scale platform. (.75mv/v, 1.5mv/v, 3mv/v)

Menu 7.3 – Conveyor (JL 73)

CONVEYOR LEGTH (MM) {LEN MM}	7301	Effective scale platform length; length of conveyor considered "on-scale" (measured in MM)
CONVEYOR SPINDLE DIA (MM) {DIA MM}	7302	Diameter of conveyor spindle sensed by rpm input, including belt (measured in MM)
CONVEYOR PULSES PER REVOLUTION {PULSES}	7303	Number of input pulses per revolution of the conveyor spindel being monitored
CONVEYOR MINIMUM WEIGHT {MIN WT}	7304	Minimum weight to be considered 'valid'; use to avoid accumulating weight due to variations of empty conveyor moving
CONVEYOR MINIMUM RPM {MINRPM}	7305	Minimum RPM to be considered "moving"
CONVEYOR MEASURE EMPTY {CNVEMP}	7306	Monitor empty conveyor, calculate average weight, and set estimated weight to adjust zero-ref
CONVEYOR SPEED FACTOR {SPDFAC}	7307	Speed-dependent factor to adjust algorithm as speed changes
CONVEYOR RPM AT SPEED FACTOR {RPM SF}	7308	Speed-dependent factor to adjust algorithm as speed changes
CONVEYOR RPM REF. 100 % SPEED FACTOR {RPM SF}	7309	Speed-dependent factor to adjust algorithm as speed changes
CONVEYOR ENABLE SPEED FACTOR {SPDADJ}	7311	Enable/disable use of speed-dependent factor

MENU 8 – SETUP, CALIBRATION, AND MAINTENANCE (Jump List 8)

Menu 8.0 - Sign-On & Maintenance Messages

SIGNON SETTING {SIGNON}	8001	ON/OFF Control for enable/disable display of sign-on message.
SIGNON MESSAGE {SIGMSG}	8002	Edit sign-on message.
MAINTENANCE MESSAGE {MANTMG}	8011	Edit maintenance message.
MAINTENANCE MESS. TIME {MANTTM}	8012	Time for maintenance message to be triggered
MAINTENANCE MESS. CLEAR {MAMCLR}	8013	Allows for clearing of maintenance message time or entry of new time.
MARQUE ACTIVATION {MARQUE}	8031	Displays current time if weight is less than 2% capacity and no motion is detected.

Menu 8.1 Calibration

DEAD WEIGHT CAL {CAL}	8121	Calibration method using weights.
TEMP CALIBRATION {T CALB}	8123	ON = scale adjust for temperature changes.
CALIBRATION MATCH {CALMAT}	8124	Calibration method used for matching a known weight.

Menu 8.2 Memory Management

CLEAR MEMORY/REUSE	8201	Clears feedline memory = ON key or Reuse feedlines = CLEAR key.
CLEAR NVRAM	8202	Reset all internal data storage values stored in non-volatile memory. (TMR)
CLEAR RECORDS {CLEARR}	8211	Erases all data records stored in memory.
CLEAR NVRAM	8212	Reset all internal data storage values stored in non-volatile memory. (GT/NT)
FILL RECORD MEMORY	8298	Fills the indicator's memory with records (used for testing)

Menu 8.7 Setup Number and Settings

*SETUP NUMBER {SETUP}	8711	Quick entry value to select weigh method (1-4 lb) (5-8 kg), gain (1-9), display counts (0-9), and capacity (*1000)
*CALIBRATION NUMBER {CAL}	8712	Weight displayed at 0.4mV/V for these loadcells.
SAVE CURRENT REST. IMAGE {SAVMEM}	8713	Saves the current and restore settings to XML files on the USB.
LOAD CURRENT REST. IMAGE {LD MEM}	8714	Loads any of the restore images from the USB and saves those settings in memory.
SAVE SET TO REST. IMAGE {ST SET}	8715	Stores current settings into 1 of restore point images. (USER, OEM, FACTORY)
RESTORE SET. TO REST. PT {SW SET}	8716	Restores a restore point to current settings. (USER, OEM, FACTORY)
SYSTEM DATE FORMAT{SYSDTF}	8719	Allows date format to be changed when printing stored records.
LOAD DISPLAY POOL {L POOL}	8732	Load a display pool from the USB device into internal memory.
DISPLAY POOL STATUS {D POOL}	8733	Show/Display pool status in internal memory.
SAVE RAW FACTOR TO USB {S FACT}	8734	Save a raw ISOBUS 4kb factor from internal memory (serial flash) onto a USB device.
LOAD RAW FACTOR FROM USB {L FACT}	8735	Load a raw ISOBUS 4kb factor from the USB device into internal memory.
VIEW ISOBUS UTILIZATION {ISOUSE}	8743	View ISOBUS CAN traffic usage as a percent (between 0-100%).
*ISOBUS VT ENABLE {ISO VT}	8745	Enable/Disable uploading mask (pool) data up to a VT
*ISOBUS NAME {ISONAM}	8746	Allows selection of the device name. SL1 or SL2 (For use in ISOBUS applications)
*APPLICATION SEND {APPSND}	8747	Allows sending of appliation 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 {SETUP}	8771	Quick entry value to select weigh method, gain, display counts, and capacity.
*CALIBRATION NUMBER {CAL}	8781	Weight displayed at 0.4mV/V for these loadcells.

Scale Platform B

*SETUP NUMBER {SETUP}	8772	Quick entry value to select weigh method, gain, display counts, and capacity.
*CALIBRATION NUMBER {CAL}	8782	Weight displayed at 0.4mV/V for these loadcells.

Scale Platform C

*SETUP NUMBER {SETUP}	8773	Quick entry value to select weigh method, gain, display counts, and capacity.
*CALIBRATION NUMBER {CAL}	8783	Weight displayed at 0.4mV/V for these loadcells.

Scale Platform D

*SETUP NUMBER {SETUP}	8774	Quick entry value to select weigh method, gain, display counts, and capacity.
*CALIBRATION NUMBER {CAL}	8784	Weight displayed at 0.4mV/V for these loadcells.

Miscellaneous Utilities

ALL GPS MEMORY TO USB {GPSDMP}	8798	Advanced diagnostics tool, dumps GPS memory to USB.
ALL REST. POINT MEM TO USB{RESDMP}	8799	Advanced diagnostics tool, dumps all binary data in restore images memory to USB.
KEYTEST	8888	Enables front panel key test.
KEY LOG DUMP	8899	Downloads the last 680 keys pressed on the indicator.
CLOCK	8997	Enables clock – press any key to return to weighing mode.

***Direct Access Numbers supported via TST7600 - NOTE: DAN functionality supported in TST7600 version 2.7 or higher**