

# Parameter Details

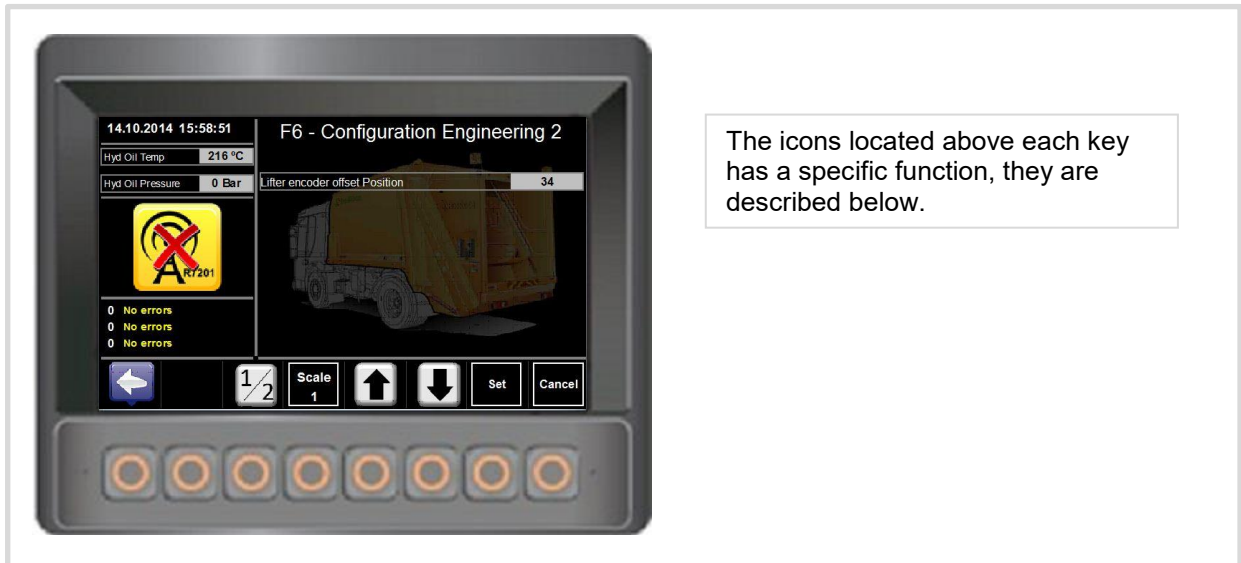
## Parameter Explanation Electrics

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<u>Engineering Approval:</u>	







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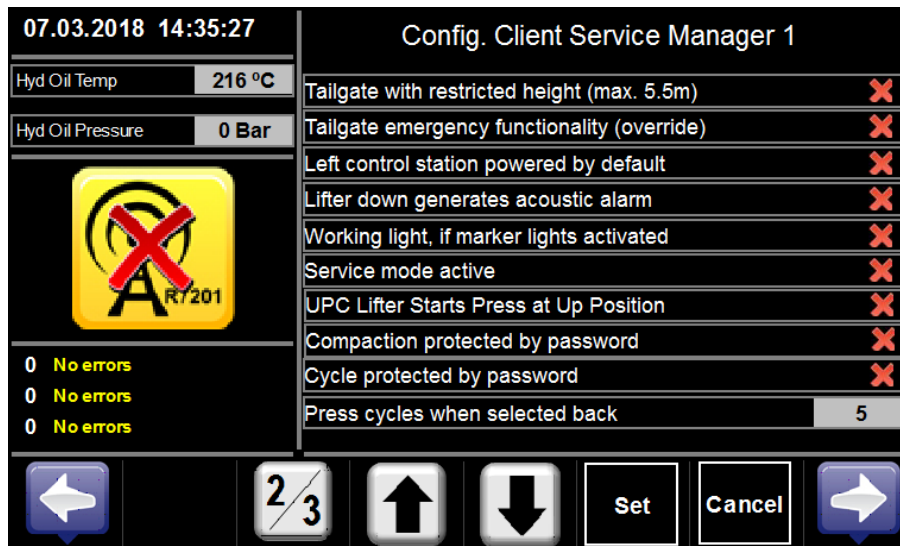
## Standard key functions in parameters



The icons located above each key has a specific function, they are described below.

Parameter Name	Description
 	Changes page
 	Changes page to 1 <sup>st</sup> level or 2 <sup>nd</sup> level
Scale	On each press of the scale key it will cycle through as follows: 1,10,100,1000 then back to 1 When adjusting a parameter value using the up and down keys the value will be adjusted by the amount scale is set to.
	Down key moves the highlight bar up, it also changes values when the parameter is selected
	Up key moves the highlight bar up, it also changes values when the parameter is selected
Set	Used to select a parameter and confirm the parameter
Cancel	Used to cancel a parameter selected

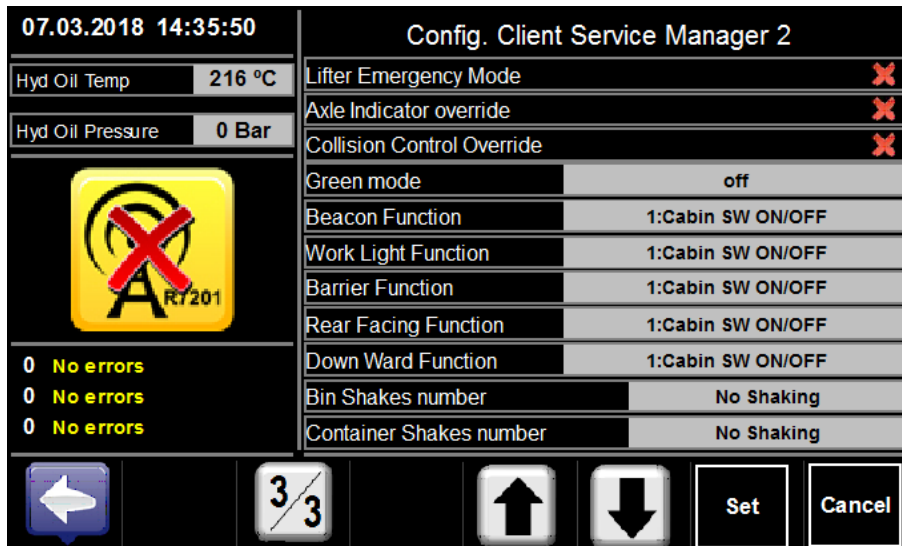
## Config. Client Service Manager 1/3



Configuration screen 1/3 which can be accessed by the low level password

Parameter Name	Description
Tailgate with restricted height (max 5.5m)	Restricts the tailgate raise height to 5.5 metres
Tailgate emergency functionality (override)	Over rides the tailgates encoder, and allows you to eject with the tailgate in the locks.
Left control station powered by default	Defaults to the left hand button station on start up
Lifter down generates acoustic alarm	Switches on the Bin Lifter Low warning
Working light, if marker lights activated	Interlocks the work lights with the side lights
Service mode active	Switches on the remote tool
UPC Lifter starts press at up position	Starts the compactor when the UPC lifter (other lifters as well) is in the top position
Compaction protected by password	This locks the Barrier Retention screen with a password (low level password).
Cycle protected by password	This locks the multi-cycle screen with a password (low level password).
Press cycles when selected back	Sets the amount of cycles for the selected back multi-cycle function

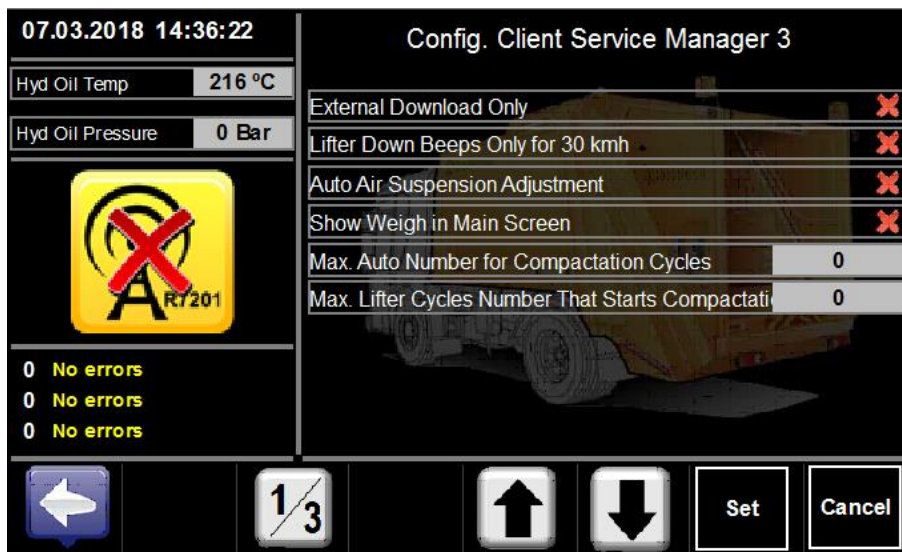
## Config. Client Service Manager 2/3



Configuration screen 2/3 which can be accessed by the low level password

Parameter Name	Description
Lifter Emergency mode	Allows lifter to be moved even if the encoder/position sensor of the lifter is damaged.
Axle indicator override	Overrides the Elite 6 GVW cut out
Collision control override	Collison control override for the crane
Green mode	<b>OFF:</b> Barrier retention pressure set via front menu selection. <b>On – to body from (UK):</b> Makes key available on the front screen to move the barrier to the cabin. (variable barrier pressure not available) <b>On – without retention (FR):</b> Makes key available on the front screen to activate no retention pressure on the barrier. (variable barrier pressure not available)
Beacon function	See Appendix B
Work light function	See Appendix B
Barrier function	See Appendix B
Rear facing function	See Appendix B
Downward function	See Appendix B
Bin Shake number	UPC/Europa 2 wheel bin shake value
Container shakes number	UPC/Europa 4 wheel bin shake value

## Config. Client Service Manager 2/3



Configuration screen 3/3 which can be accessed by the low level password

Parameter Name	Description
External Download Only	When this parameter is enabled the refuse download from the cabin HMI cannot be performed
Lifter Down Beeps Only for 30 km/h	When the lifter is in down position if the speed is greater than 30 km/h the acoustic alarm is enabled in the cabin.
Auto Air Suspension System	For the Mothership loading mode, the refuse collector moves the rear suspension to the top down.
Show Weigh in Main Screen	The tuck weighing is shown in the left top side of the main screen.
Max.Auto Number for Compaction Cycles	Parameter to limit the maximum compaction cycle in auto mode selectable by the driver.
Max Lifter Cycles Number That Starts Compaction	Parameter to limit the maximum lifter cycles, which start the compactor in auto mode, selectable by the driver.

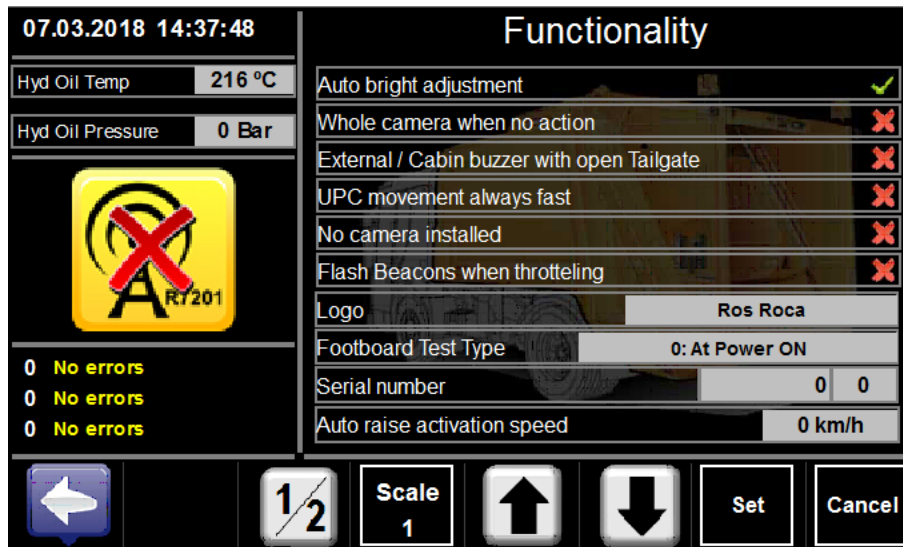
## F2- Functionality 1/2



F2 Functionality which can be accessed by the high level password

Parameter Name	Description
Lifter stopped by footboard	Stops the lifting device when the footboards are occupied
Lifter stopped by rave rail	Stops lift when rave rail lowered
Footboard test required at start up	Footboard are required to be lowered and occupied on start-up of the vehicle
Rave rail open activates 30Kph limitation	Rave rail open signals to vehicle for 30Kph speed limitation
Pack on the move active	Activates the pack on the move facility
Compaction stops by footboard occupied	Stops the compaction when the footboards are occupied
Lifter auto lift	Auto lift function selection <b>Off</b> = No auto lift function possible <b>On - only with reverse gear</b> = Auto lift only in reverse gear <b>On – without neutral</b> = Auto lift with the loss of neutral at the speed set in parameter auto raise activation speed <b>Autolift, only forward neutral lower</b> = Auto lift with reverse gear and forward gear, neutral lower only after forward gear
Language selection	Selection of specific language required

## F2- Functionality 2/2



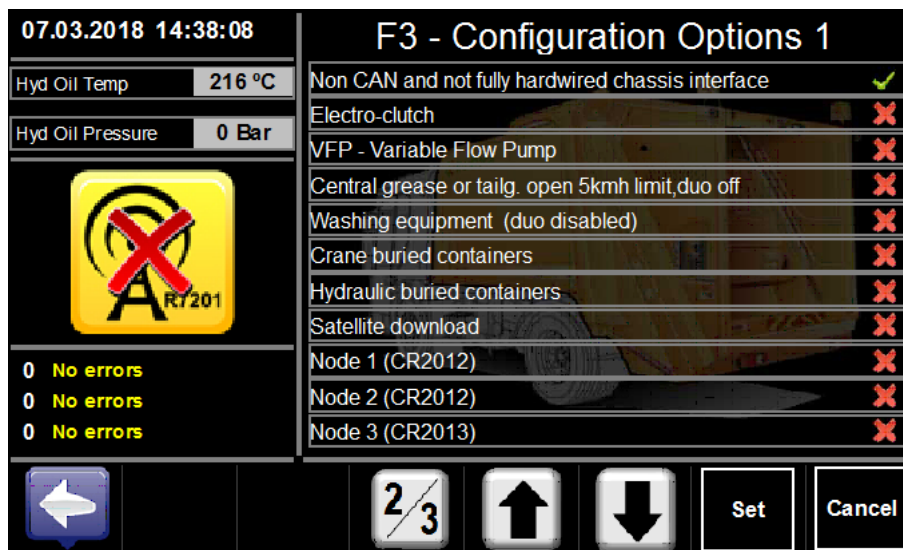
2/2 F2 Functionality which can be accessed by the high level password

Parameter Name	Description
Auto bright adjustment	When on the brightness is adjusted automatically via the light sensor, when off the brightness is adjusted via the key off page using keys F3 and F4
Whole camera when no action	Switches camera to full screen after 10 seconds if no keys are pressed or alarms are present
External / Cabin buzzer with open Tailgate	Acoustic alarm activated when the tailgate is open.
UPC movement always fast	Parameter which sets the UPC speed to maximum value, overriding the speed down functionality. To use only to measure time limits.
No camera installed	There is not a standard camera in the Olympus. Indicated only for machines which are equipped with specific camera + screen kits, and do not need the Olympus display.
Flash beacons when throttling	When the vehicle is throttling the beacons flash in an intermittent way. Indicated for work in non urbanized areas.
Logo	Logo selection on start-up of screen
Footboard Test Type	Test type of the footboard when starting the vehicle: '0: At Power ON', '1: 0 + Every 10 min. Not used', '2: 0 + Every 15 min. Not used', '3: 0 + speed>30kmh & not occupied'.
Serial number	Serial number input (Not used)
Auto raise activation speed	Auto-lift activation speed is used in conjunction with parameter auto lift. This is the chassis speed the forward lift will activate at.





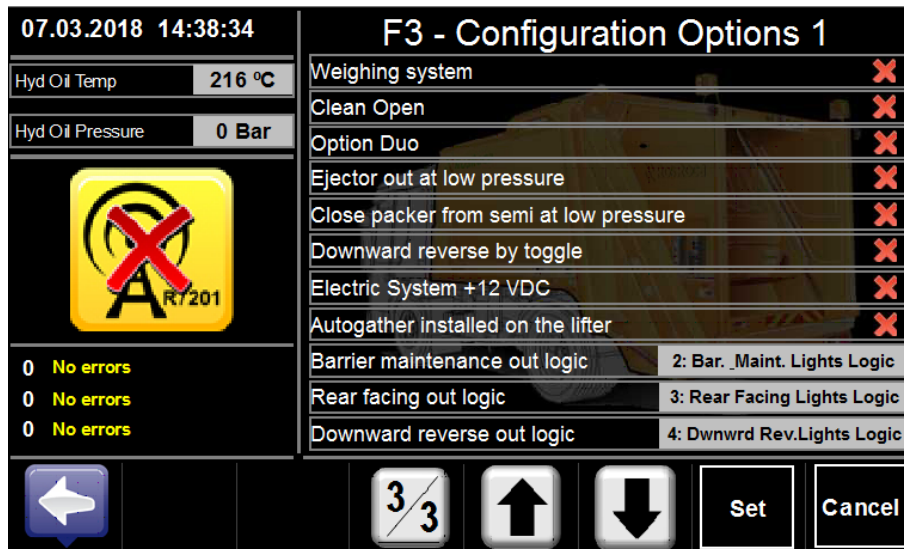
## F3-Configuration Options 1/3



F3 Configuration options 1 which can be accessed by the high level password

Parameter Name	Description
Non CAN or fully hardwired interface	Activates footboard reset with neutral, footboard override with neutral and selects range with the loss of neutral and reverse.
Electro clutch	When parameter active and the parameter pack on the move is active, NODE1 out 0 is activated when the unloader function is on. Output 4 on PLC 2 is activated if either the unloader or the lifter function is on.
VFP Variable flow pump	Activates throttle on tailgate lower and variable flow regulator current output on PLC 2
Central grease or tailgate. Open 5kmh limit, duo off	Activates central greasing function Node 1 output 1, 5kph output when tailgate open on Node 1 output 0
Washing equipment (Duo disabled)	Activates the wash equipment, activate throttle and unloader when input request from wash equipment
Crane buried container	Activates the crane function using Node 2
Hydraulic buried container	Re assigns PLC1 IX1.10 and PLC1 IX1.12 ZONE SAFE SW CH1 IN and ZONE SAFE SW CH2 IN to UPC Hyd Buried Cont PB Roof Up and UPC Hyd Buried Cont PB Roof Down
Satellite download	Configures Node 2 for UPC satellite download
Node 1 CR2012	Activates Node 1 for additional I/O
Node 2 CR2012	Activates Node 2 for additional I/O
Node 3 CR2012	Activates Node 3 for additional I/O

## F3-Configuration Options 2/3



F3 Configuration options 1 which can be accessed by the high level password

Parameter Name	Description
Weighing system	Activates weigh system page/control
CleanOpen	Activates the CleanOpen CAN interface
Option Duo	Activates the Duo function logic/control
Ejector out at low pressure	Allows eject function to work with the tailgate in the locks at a reduced pressure(not used, test purposes only)
Close packer from semi at low pressure	Allows the compactor to work at a lower pressure (not used, test purposes only)
Downward reverse by toggle	If activated a toggle switch can be used for the downward facing reverse light function if deactivated a latch switch must be used
Electric System + 12 VDC	The chassis on which the body is built works at +12VDC. This is typically (but not only) a "Olympus Mini + Mitsubishi Fuso" or "Olympus Mini + Isuzu Canter" parameter.
Autogather installed on the lifter	The Autogather option is physically installed in the lifter.
Barrier maintenance out logic	See appendix B
Rear facing out logic	See appendix B
Downward reverse out logic	See appendix B

## Weighing Configuration



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**Weight Information**

Axle 1:	0	
Axle 2:	0	
Axle 3:	0	
Axle 4:	0	
<b>GVW:</b>	0	
Limit:	0	
Compaction Working Time		
0 h	0 m	0 s
Compaction Cycles		0 cycles
Lifter Working Time		0 h 0 m 0 s
Lifter Cycles		0 cycles

**0 No errors**

**Weighing Configuration**

Weight Raw Measures  
0 0 0 0

Show alarm when RCV overloaded

Stop compactor when overloaded

Stop lift when overloaded

Weighing Manufacturer: VPM

Elite Axle type: 4x2

Maximum Weigh Allowed: 0

Axle distance: Axis 1 to Axis 2: 0

Axle distance: Axis 2 to Axis 3: 0

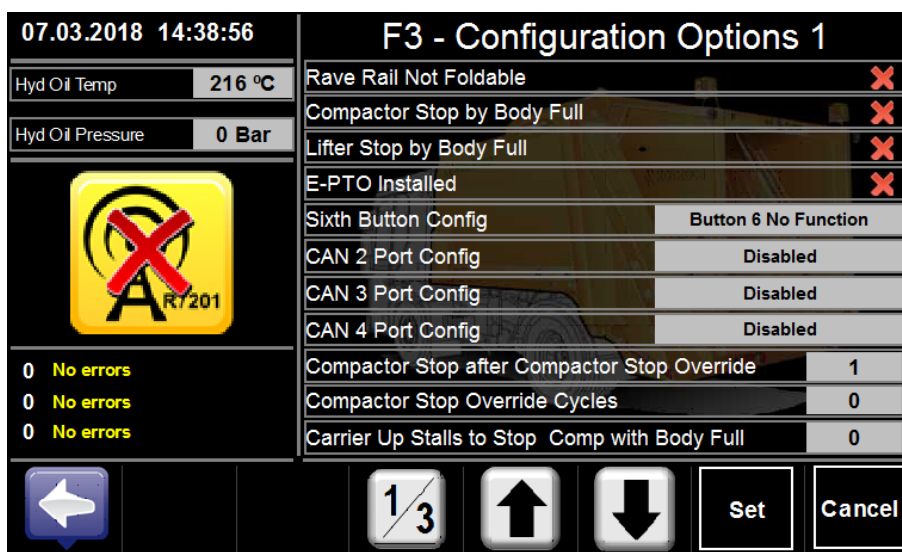
Rear Axle set point (Intelligent barrier): 11000

Buttons: Set Zero, Scale 1, Up Arrow, Down Arrow, Set, Cancel

Weigh options which can be accessed by the high level password

Parameter Name	Description
Show alarm when RCV overloaded	Alarm shown on front page when vehicle reaches GVW
Stop compactor when overloaded	When activated this stops the compaction when at GVW
Stop lift when overloaded	When activated this stops the bin lift when at GVW
Weigh manufacturer	Select which weigh system is fitted
Elite axle type	Selection of axle type on elite to show only the weights on the axles fitted
Maximum weigh allowed	GVW cut out weights
Axle distance axis 1 to axis 2	Not used
Axle distance axis 2 to axis 3	Not used
Rear axle set point (intelligent barrier)	Maximum weight allowed on bogey before it triggers the barrier movement

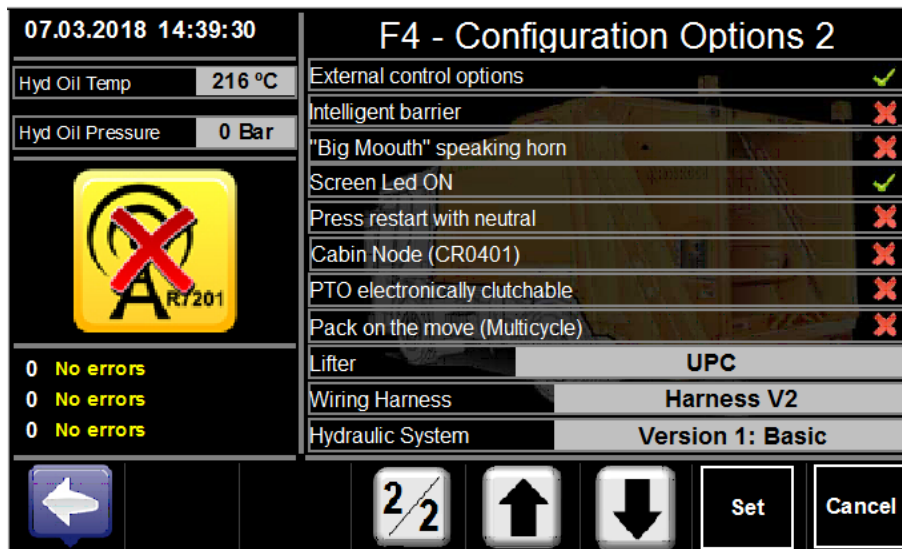
## F3-Configuration Options 3/3



Weigh options which can be accessed by the high level password

Parameter Name	Description
Rave Rail is Not Foldable	The rave rail is fix: screwed, or welded.
Compactor Stop by Body Full	When the body is full the compactor stops working.
Lifter Stop by Body Full	When the body is full the lifter stops working.
E-PTO Installed	An electric PTO (Banke System) is installed to power the machine.
Sixth Button Config	The option to use the sixth button for a specific straight purpose is selectable.
CAN 2 Port Config	With the V3 harness the second CAN port of the HMI is be used for Chassis Control. This parameter has to be active with V3+CAN chassis control configuration.
CAN 3 Port Config	The CAN 3 port can be configured in two ways: CMS telematic interface and CMS telematic interface + remote reparameterization.
CAN 4 Port Config	The CAN 4 port can be configured to work as a CAN CiA 422 Clean Open standard inferface.
Compactor Stop After Compactor Stop Override	Total amount of compactor stalls in the forth movement after an override is required.
Compactor Stop Override Cycles	Total amount of compactor stops overrides are allowed.
Carrier Up Stalls to Stop with Body Full	Amount of Carrier Up Stalls in the forth movement when body full.

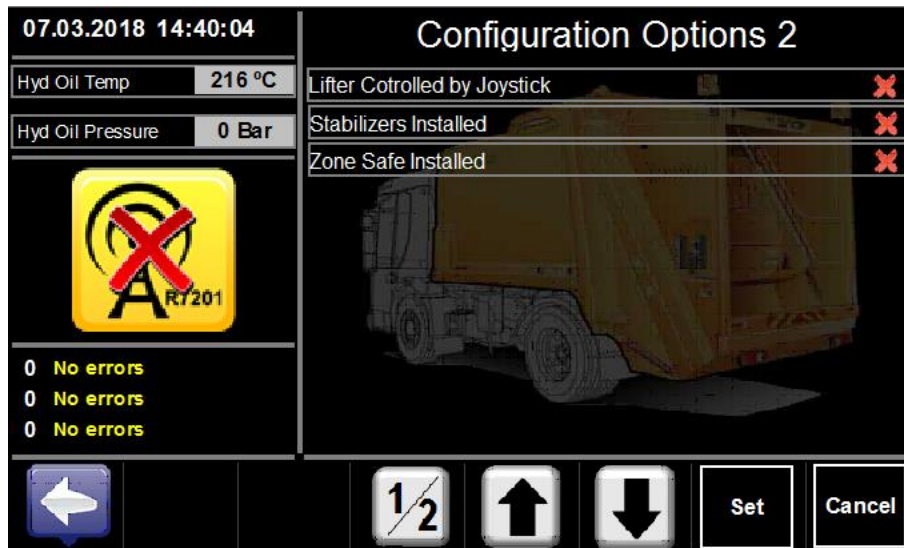
## F4- Configuration Option 2 1/2



F4 configuration options 2 which can be accessed by the high-level password

Parameter Name	Description
External control options	Activates the external controls for barrier and tailgate raise function
Intelligent barrier	Activates the intelligent barrier function for VWS and euro 6 weigh
"Big Mouth" speaking horn	Big mouth reversing alarm output
Screen Led on	Warning light on CR1083
Press restart with neutral	When activated, If the compaction cycle is stopped by the selection of a gear, when neutral is selected the compaction cycle will be completed
Cabin Node (CR0401)	Activates the comms to the cab node CR0401
PTO electronically clutchable	Activates the PTO control logic and output on the CR0401
Pack on the move (Multicycle)	Activates the ability to have pack on the move for multiple cycles (Up to 5)
Lifter	Bin lift selection
Wiring harness	Olympus wiring harness selection. Four options are available (V1, V2, V3 & V3.1).

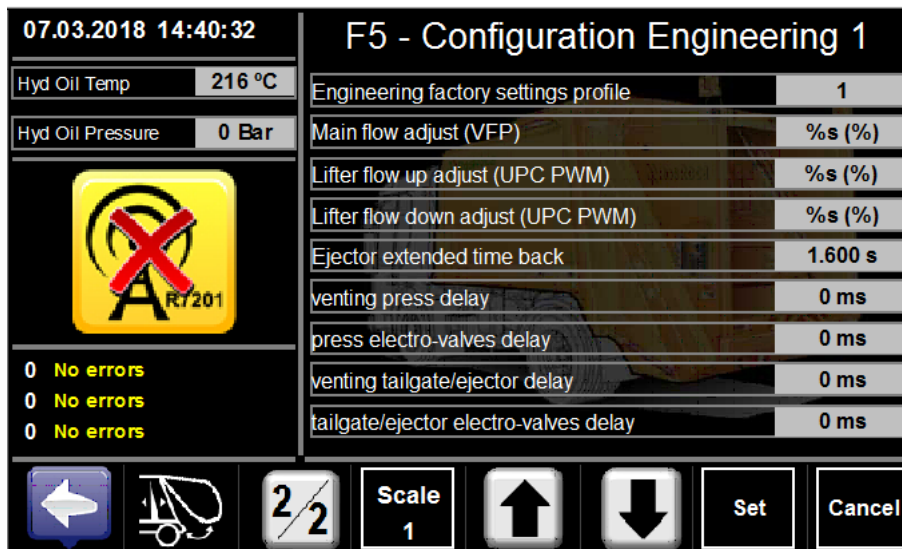
## F4- Configuration Option 2 2/2



F4 configuration options 2 which can be accessed by the high-level password

Parameter Name	Description
Lifter Controlled By Joystick	The lifter has a lifter as optional (Europa)
Stabilizers Installed	The machine has stabilizers installed to balance the RCV when loading refuse (winche or industrial lifters).
Zone Safe Installed	The option "Zone Safe" is installed.

## F5- Configuration Engineering 1 1/2

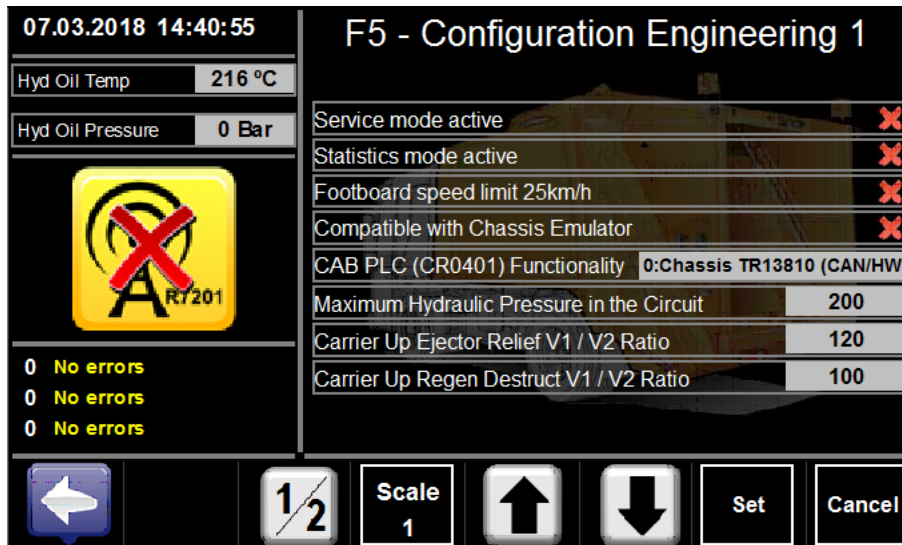


F5 configuration engineering 1 which can be accessed by the high-level password

Parameter Name	Description
Engineering factory settings profile	Profile 0 = DE standard Profile 1 = RR standard Profile 2 = RR for FCC
Main flow adjust (VFP)	Flow regulator control with a VFP
Lifter flow adjust (UPC PWM)	Percentage flow on Bin Lifter raise UPC
Lifter flow down adjust (UPC PWM)	Percentage flow on Bin Lifter Lower UPC
Ejector extended time back	Sets the time retract stays on for when lowering the Tailgate (French Vehicles)
Venting press delay	Gives a time delay on unloader valve
Press electro valves delay	Gives a time delay on the compaction functions
Venting tailgate/ejector delay	Gives a time delay on the tailgate and barrier functions. Unloader
Tailgate/ejector electro-valves delay	Not used



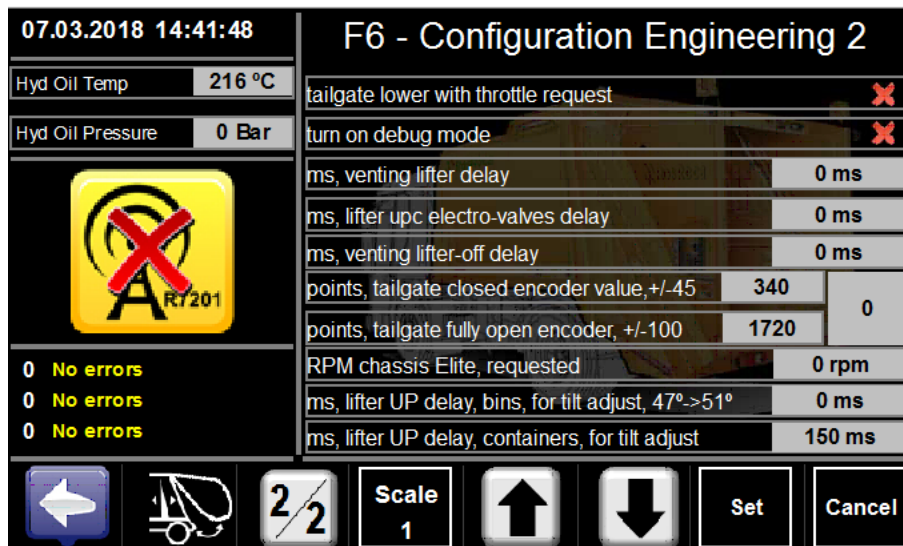
## F5 - Configuration Engineering 1 2/2



F5 configuration engineering 1 which can be accessed by the high level password

Parameter Name	Description
Service mode active	Not Used
Statistic mode active	Statistic mode for UPC
Footboard speed limit 25kph	Set footboard vehicle speed limit to 25kph instead of 30kph
Compatible with Chassis Emulator	When testing kits
Cab PLC (CR0401) functionality	Telematics PLC selection of I/O see Appendix B
Maximum Hydraulic Circuit in the Circuit	When the hydraulic system selected is Version 2 (efficiency), the maximum pressure at any point of the circuit can be selected here.
Carrier Up Ejector Relief V1 / V2 Ratio	Parameter to correct the section ratios when a hydraulic system is Version 2 (efficiency)
Carrier Up Regen Destruct V1 / V2 Ratio	Parameter to correct the section ratios when a hydraulic system is Version 2 (efficiency)

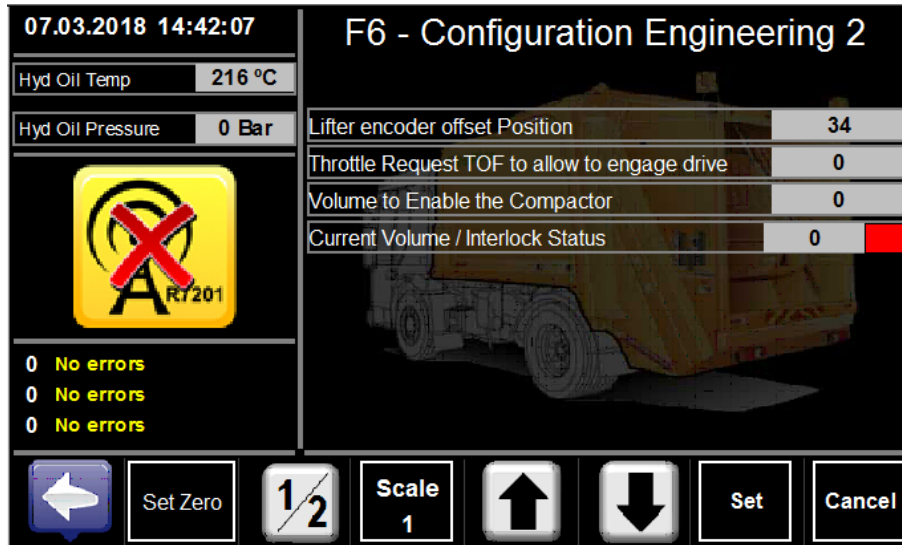
## F6 - Configuration Engineering 2. 1/2



F6 configuration engineering 2 which can be accessed by the high level password

Parameter Name	Description
Tailgate lower with throttle request	Throttle request when lowering tailgate
Turn on debug mode	Needs to be activated to communicate with the PLCs via Codesys
ms, venting lifter delay	Lift: Time delay of oil request (Not used)
ms, lifter UPC electro-valves delay	UPC: Time delay of oil request (Not used)
Ms, venting lifter-off delay	UPC: Time delay of lifter (Not used)
Points, tailgate closed encoder value +/-45	This allows you to calibrate the tailgate encoder in the locks
Points, tailgate fully open encoder +/-100	This allows you to calibrate the tailgate encoder when fully raised
RPM chassis elite, requested	Not used
Ms, lifter UP delay, bins, for tilt adjust, 47->51	UPC: Delay of fast speed option
Ms, lifter UP delay, containers, for tilt adjust	UPC: Delay of slow speed option

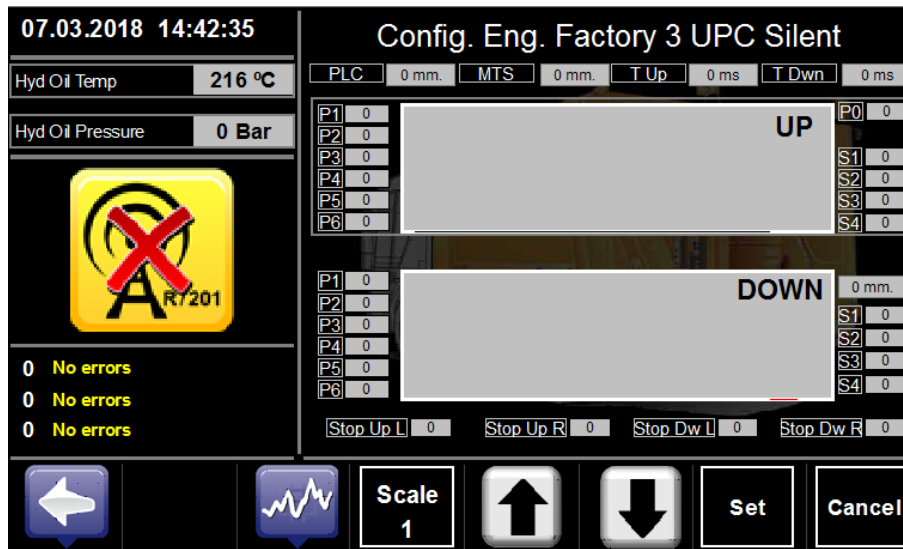
## F6 – Configuration Engineering 2. 1/2



F6 configuration engineering 2 which can be accessed by the high-level password

Parameter Name	Description
Lifter encoder offset Position	Encoder value to move all the measurement spectrum of the encoder. This value is subtracted by default to each encoder lifter measure.
Throttle Request TOF to allow to engage drive	Specific for Renault CNG retrofitted by PVI. To avoid mutual chassis-body interlocks which disable the accelerator pedal (lethal embrace).
Volume to Enable the Compactor	When the 3D hopper measurement systems are installed, this value defines the minimum volume in dm3 at which the compactor start from lifter is executed.
Current Volume / Interlock Status	Volume measured by the 3D hopper measurement systems. The red/green square indicates if the autocycle interlock is executed or not.

## F7 – Config Eng factory 3 UPC silent

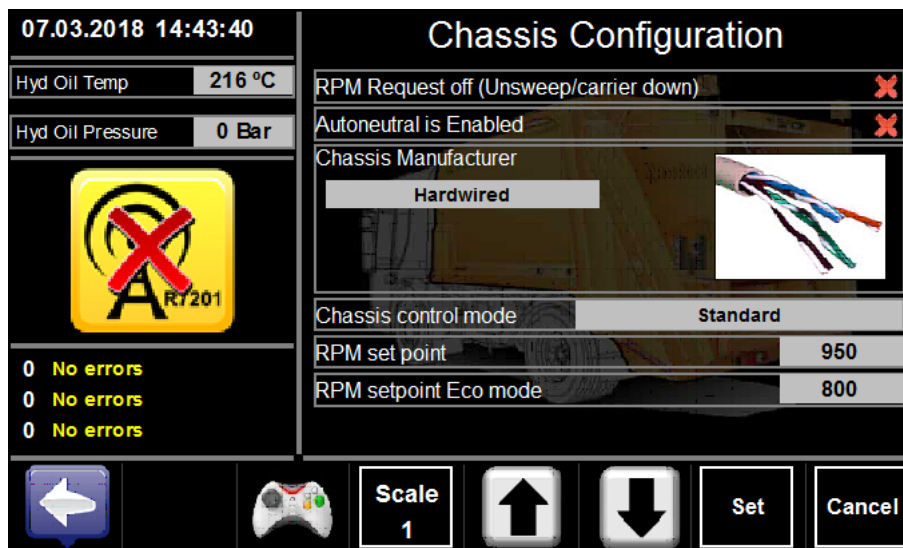


F7 UPC silent setup which can be accessed by the high level password

Parameter Name	Description
Up P0	Autolift stop position in a UPC lifter
Up P1	Position P1 of the UPC silent UP current map
Up P2	Position P2 of the UPC silent UP current map
Up P3	Position P3 of the UPC silent UP current map
Up P4	Position P4 of the UPC silent UP current map
Up P5	Position P5 of the UPC silent UP current map
Up P6	Position P6 of the UPC silent UP current map
Up S0	Speed S0 of the UPC silent UP current map
Up S1	Speed S1 of the UPC silent UP current map
Up S2	Speed S2 of the UPC silent UP current map
Up S3	Speed S3 of the UPC silent UP current map
Down P1	Position P1 of the UPC silent DOWN current map
Down P2	Position P2 of the UPC silent DOWN current map
Down P3	Position P3 of the UPC silent DOWN current map
Down P4	Position P4 of the UPC silent DOWN current map
Down P5	Position P5 of the UPC silent DOWN current map
Down P6	Position P6 of the UPC silent DOWN current map
Down S0	Speed S0 of the UPC silent Down current map
Down S1	Speed S1 of the UPC silent Down current map
Down S2	Speed S2 of the UPC silent Down current map
Down S3	Speed S3 of the UPC silent Down current map
Stop Up L	Not used

Stop Up R	Not use
Stop Dw L	Not use
Stop DwR	Not use

## F8 – Chassis configuration



F8 Chassis configuration which can be accessed by the high level password

Parameter Name	Description
RPM request off (UnswEEP/carrier down)	Activating the function switches off the RPM request during unsweep and carrier down
Auto-neutral is Enabled	The chassis software Autoneutral option is requested by default.
Chassis manufacturer	Selection of chassis manufacturers Hardwired Dennis Eagle Renault Iveco Mercedes Cotel (Euro 5) DAF Scania MAN Volvo FL/FE Dennis Eagle Version 1 Mercedes KOM (Euro 6) Volvo FM/FH
Chassis control mode	Selection of specific functions for specific chassis types Standard Renault-French market (Auto neutral) Mercedes German market (Auto neutral) Mercedes German market (No Auto neutral)
RPM set point	RPM set point. Standard 1000
RPM set point Eco mode	RPM set point on eco mode. Standard 850

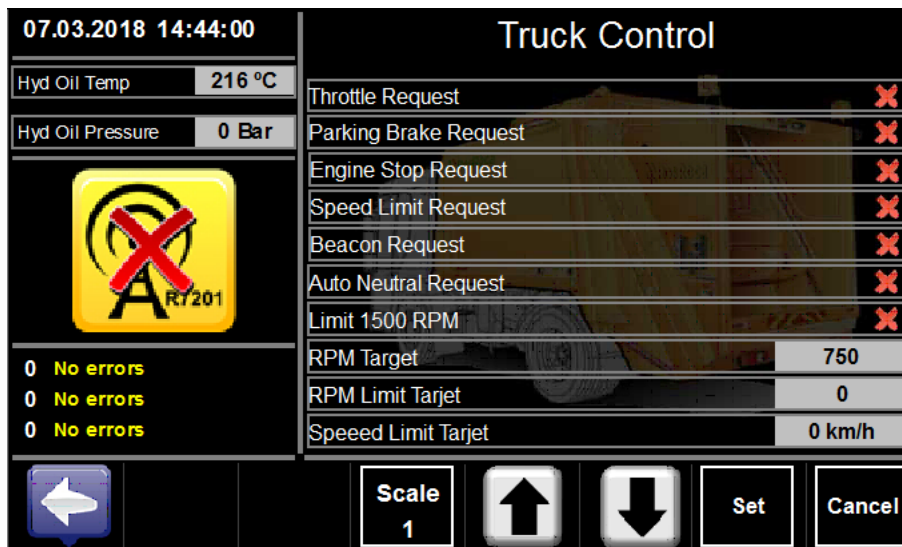
## Appendix A: Chassis Override Control

Most of the Olympus and Olympus Mini refuse collectors built with harness V3 are controlled by the body through a bodybuilder CAN interface.

Finding configuration problems in this CAN interface can be difficult because an operator cannot send straight a signal to the chassis (as could be done in the past, plugging 24 VDC with hardwired connections).

Using the 'Truck Control' interface straight requests and setpoint can be sent to the chassis. This tool can be very useful to discard problems related to the body-chassis CAN interface.

To access this menu the "Video Game Control" has to be pressed in the Chassis Configuration screens.



## Appendix B: Lighting configuration

The lighting can now be configured to suit the customer requirements.  
On the vehicle you have 5 additional lighting options that can be controlled, these are

Parameter Name	Function
Beacons function	Beacon control via PDM button on the front screen
Work light function	Work light control via PDM button on the front screen
Barrier function	Eject Barrier maintenance light, via additional switch in the cabin
Rear facing function	Barrier Under run light via additional switch in the cabin
Downward function	Downward facing work light via additional switch in the cabin

### Set up of lighting options

These parameters are located in the Config. Client Service Manager page accessed via entering the password page (Spanner icon (F8)) and then pressing (Config RCV (F7)) Then press (2/2 F3).  
Each lamp has the possibility to be set in 5 different modes, they are:

Variable options
Auto OFF 25kmh
Cabin SW ON/OFF
Auto OFF 35kmh
Auto OFF 35kmh +Auto ON 3kmh(Neutral)
Auto OFF 10kmh +Auto ON 3kmh(Neutral)

Using the arrows keys highlight the option required  
i.e. Beacon function.

Press the set key, this will now allow you to use  
the arrow keys again to cycle through the control  
options for this lamp. Press set to confirm

NOTE: Options 0 to 4 are the same for each lamp configuration.

### Control Option Description

**AutoOFF 25Kmh:** This will allow the light to be switched on/off via the button but if the light is left on it will automatically switch off at 25kph

**Cabin SW ON/OFF:** This will switch the lamp on or off as a normal switch function

**AutoOFF 35Kmh:** This will allow the light to be switched on/off via the button but if the light is left on it will automatically switch off at 35kph

**AutoOFF 35kmh + AutoON 3Kmh (Neutral):** This will allow the light to be switched on/off via the button, but if the light is left on it will automatically switch off at 35kph and then automatically come back on under 3Kmh or if the vehicle is in neutral.



**AutoOFF 10kmh + AutoON 3Kmh (Neutral):** This will allow the light to be switched on/off via the button, but if the light is left on it will automatically switch off at 10kph and then automatically come back on under 3Kmh or if the vehicle is in neutral

### Assignment of outputs for the lighting options

Parameter Name	Output
Barrier maintenance out logic	Output 2 of CR2012 node 2
Rear facing out logic	Output 3 of CR2012 node 2
Downward reverse out logic	Output 3 of CR2012 node 3

### Set up of lighting options Outputs

These options are located in the Config. Client Service Manager page accessed via entering the password page (Spanner icon (F8)) and then pressing (Config RCV F7)) then press F8 (Right arrow) Then press (Configuration option1 (F3)) then press (2/2 (F4)).  
 The lamp can now be assigned to the specific output:

Variable options
Beacons Light logic
Work light logic
Bar, & Maint light logic
Rear facing light logic
Dwnwrdr Rev. light logic

Using the arrows keys highlight the option required  
 i.e. Beacon function.

Press the set key, this will now allow you to use  
 the arrow keys again to cycle through the control  
 options for this lamp.

**NOTE: Options 0 to 4 are the same for each lamp configuration.**

## Appendix C: Telematics interface (CR0403).

In the elite cab. I/O is configured to suit the specific requirements of each telematics company. The configurations are:

<b>Chassis TR13810 (CAN/HW)</b>		<b>Inputs</b>	<b>Outputs</b>	
	IN0	Compaction stop	Tailgate fully open	OUT0
	IN1	Lifter stop	Tailgate fully open RH (OLTP)	OUT1
	IN2	Intelligent barrier	Compaction on	OUT2
	IN3	Spare	Compaction on RH (OLTP)	OUT3
	IN4	Spare	Ejector out	OUT4
	IN5	Spare	Tip mode	OUT5
	IN6	Spare	Reverse	OUT6
	IN7	Spare	Beacons on	OUT7
	IN8	Spare	Single lifter bin on (OLTP)	OUT8
	IN9	Spare	LH lifter bin on	OUT9
	IN10	Spare	RH lifter bin on	OUT10
	IN11	Spare	Trade bin on	OUT11

<b>Novacom</b>		<b>Inputs</b>	<b>Outputs</b>	
	IN0	Compaction stop	Tailgate fully open	OUT0
	IN1	Lifter stop	Reverse	OUT1
	IN2	Intelligent barrier	RH Footboard not occupied	OUT2
	IN3	Spare	LH Footboard not occupied	OUT3
	IN4	Spare	Trade bin on	OUT4
	IN5	Spare	RH lifter bin on	OUT5
	IN6	Spare	LH lifter bin on	OUT6
	IN7	Spare	Compaction on	OUT7
	IN8	Spare	Compaction on RH (OLTP)	OUT8
	IN9	Spare	Tailgate fully open RH (OLTP)	OUT9
	IN10	Spare	Single lifter bin on (OLTP)	OUT10
	IN11	Spare	Single lift at top position (OLTP)	OUT11

<b>Sabtier</b>		<b>Inputs</b>	<b>Outputs</b>	
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	IN0	Compaction stop	Ejector out	OUT0
	IN1	Lifter stop	Reverse	OUT1
	IN2	Intelligent barrier	RH Footboard not occupied	OUT2
	IN3	Spare	LH Footboard not occupied	OUT3
	IN4	Spare	Spare	OUT4
	IN5	Spare	Spare	OUT5
	IN6	Spare	Spare	OUT6
	IN7	Spare	Lifter at top position	OUT7
	IN8	Spare	Compaction on RH (OLTP)	OUT8
	IN9	Spare	Tailgate fully open RH (OLTP)	OUT9
	IN10	Spare	Single lifter bin on (OLTP)	OUT10
	IN11	Spare	Single lift at top position (OLTP)	OUT11

<b>Acquido</b>		<b>Inputs</b>	<b>Outputs</b>	
	IN0	Compaction stop	Tailgate fully open	OUT0
	IN1	Lifter stop	Reverse	OUT1
	IN2	Intelligent barrier	RH Footboard not occupied	OUT2
	IN3	Spare	LH Footboard not occupied	OUT3
	IN4	Spare	Trade bin on	OUT4
	IN5	Spare	RH lifter bin on	OUT5
	IN6	Spare	LH lifter bin on	OUT6
	IN7	Spare	Spare	OUT7
	IN8	Spare	Compaction on RH (OLTP)	OUT8
	IN9	Spare	Tailgate fully open RH (OLTP)	OUT9
	IN10	Spare	Single lifter bin on (OLTP)	OUT10
	IN11	Spare	Single lift at top position (OLTP)	OUT11

<b>Bartec</b>		<b>Inputs</b>	<b>Outputs</b>	
	IN0	Compaction stop	Tailgate fully open	OUT0
	IN1	Lifter stop	Reverse	OUT1
	IN2	Intelligent	Spare	OUT2

		barrier		
	IN3	Spare	Spare	OUT3
	IN4	Spare	Trade bin on	OUT4
	IN5	Spare	RH lifter bin on	OUT5
	IN6	Spare	LH lifter bin on	OUT6
	IN7	Spare	Beacons on	OUT7
	IN8	Spare	Compaction on RH (OLTP)	OUT8
	IN9	Spare	Tailgate fully open RH (OLTP)	OUT9
	IN10	Spare	Single lifter bin on (OLTP)	OUT10
	IN11	Spare	Single lift at top position (OLTP)	OUT11

<b>Enigma</b>		<b>Inputs</b>	<b>Outputs</b>	
	IN0	Compaction stop	Spare	OUT0
	IN1	Lifter stop	Spare	OUT1
	IN2	Intelligent barrier	Spare	OUT2
	IN3	Spare	Spare	OUT3
	IN4	Spare	Spare	OUT4
	IN5	Spare	Spare	OUT5
	IN6	Spare	Spare	OUT6
	IN7	Spare	Lifter up	OUT7
	IN8	Spare	Compaction on RH (OLTP)	OUT8
	IN9	Spare	Tailgate fully open RH (OLTP)	OUT9
	IN10	Spare	Single lifter bin on (OLTP)	OUT10
	IN11	Spare	Single lift at top position (OLTP)	OUT11

<b>MOBA</b>		<b>Inputs</b>	<b>Outputs</b>	
	IN0	Compaction stop	Spare	OUT0
	IN1	Lifter stop	Spare	OUT1
	IN2	Intelligent barrier	Spare	OUT2
	IN3	Spare	Spare	OUT3
	IN4	Spare	Spare	OUT4
	IN5	Spare	Spare	OUT5
	IN6	Spare	Spare	OUT6

	IN7	Spare	Spare	OUT7
	IN8	Spare	Compaction on RH (OLTP)	OUT8
	IN9	Spare	Tailgate fully open RH (OLTP)	OUT9
	IN10	Spare	Single lifter bin on (OLTP)	OUT10
	IN11	Spare	Single lift at top position (OLTP)	OUT11

IDEA		Inputs	Outputs	
	IN0	Compaction stop	Spare	OUT0
	IN1	Lifter stop	Spare	OUT1
	IN2	Intelligent barrier	Spare	OUT2
	IN3	Spare	Spare	OUT3
	IN4	Spare	Trade bin on	OUT4
	IN5	Spare	RH lifter bin on	OUT5
	IN6	Spare	LH lifter bin on	OUT6
	IN7	Spare	Spare	OUT7
	IN8	Spare	Compaction on RH (OLTP)	OUT8
	IN9	Spare	Tailgate fully open RH (OLTP)	OUT9
	IN10	Spare	Single lifter bin on (OLTP)	OUT10
	IN11	Spare	Single lift at top position (OLTP)	OUT11



Parameter Name	Screen	Description	
