



## **DAILY RETURNS SYSTEM (DRS) VERSION 3.5 RELEASE NOTES**

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## Introduction

This version introduces more user-interface improvements to the daily returns input screen (most used screen of DRS), by dramatically reduce scrolling required in frequently used areas and improving compatibility. The Vouchers Input screen has received a number of productivity improvements through filtering unneeded contents. Support for long currencies such as the Hungarian Forint has also been added.

## Daily Returns Summary Readability Improvements

The left-hand side area showing the quantity, receipts and commission totals for each meter program has been revamped to improve its readability and make it more compatible with large numbers and currencies.

The currency symbol been removed from the details to remove unnecessary visual clutter and allow the user to focus on the actual figures more easily.

Columns have been resized, alignment has been improved and the table formatting has been improved to help distinguish each separate column and row.

Previous Version					DRS Version 3.5				
<b>SUTTON IN ASHFIELD, HUTHWAITE (0292)</b> <span style="float:right">Completed</span> <b>IBRAHIM HASSAN MOHAMMAD (029216)</b> <span style="float:right">02/01/2011</span>					<b>SUTTON IN ASHFIELD, HUTHWAITE (0292)</b> <span style="float:right">Completed</span> <b>IBRAHIM HASSAN MOHAMMED (029216)</b> <span style="float:right">23/07/2011</span>				
<b>Meter Programs</b>	<b>Qty</b>	<b>Price</b>	<b>Comm</b>	<b>Total</b>	<b>Meter Programs</b>	<b>Qty</b>	<b>Price</b>	<b>Comm</b>	<b>Total</b>
P1 - Express Wash	27	£1.70	£2.70	£43.20	P1 - Express Wash	24	1.70	2.40	38.40
P2 - Wash 1	0	£2.40	£0.00	£0.00	P2 - Wash 1	0	2.40	0.00	0.00
P3 - Wash 2	34	£3.00	£30.60	£71.40	P3 - Wash 2	9	3.00	8.10	18.90
P4 - Wash 3	4	£4.00	£4.40	£11.60	P4 - Wash 3	0	4.00	0.00	0.00
P5 - Wash 4	1	£4.50	£1.20	£3.30	P5 - Wash 4	0	4.50	0.00	0.00
P6 - The Works	68	£5.00	£91.80	£248.20	P6 - The Works	21	5.00	28.35	76.65
					sheilas wheels, free wash 3	2	0.00	1.00	-1.00
<b>Totals</b>	<b>Qty</b>	<b>Receipt</b>	<b>Comm</b>	<b>Amount Due</b>	<b>Totals</b>	<b>Qty</b>	<b>Receipt</b>	<b>Comm</b>	<b>Amount Due</b>
	137	£508.40	£132.20	£376.20		56	£172.80	£39.85	£132.95
Amount Banked			£376.20		Amount Banked			£135.55	
Credit Amount			£0.00		Credit Amount			£0.00	
Under/Over			£0.00		Under/Over			£2.60	
Return ID	1466279	Period Post	201101		Return ID	1528963	Period Post	201107	
Invoice	2123040	Credit No	2123191		Invoice	2259638	Credit No	2260001	
Adj No		Voucher No			Adj No		Voucher No		
Created by janette.boon on 05/01/2011 at 13:28				<b>Exported</b>	Created by eileenw on 26/07/2011 at 09:32				<b>Exported</b>
Updated by DRSStock on 07/01/2011 at 10:15					Updated by DRSStock on 27/07/2011 at 12:15				
Daily Returns To Do (10) <input type="button" value="Site List"/>					Daily Returns To Do (10) <input type="button" value="Site List"/>				
Sites to do (0) <input type="button" value="Site List"/>					Sites to do (0) <input type="button" value="Site List"/>				

## Daily Returns Summary – Dynamic Height Adjustment

Some sites have more meters programs than others and as a result, it could happen on sites with lots of programs and vouchers that the user would have to scroll through the list to show the total of some of the

meter programs.

This was because the height of the totals summary area was static.

To remove this annoyance, I have implemented a mechanism that will dynamically resize the summary panel where the totals of each meter program are shown, based on the number of items in it.

In clearer terms, the summary panel will adjust to its contents, rather than using an arbitrary value bound to be too small or too tall depending on the site.

So, it should always resize to the most appropriate height to avoid the scrolling but also avoid having too much wasted horizontal screen real-estate.

Obviously, to not let it expand without any control, it will stop expanding once it reaches a certain maximum height.

If this maximum height is reached, the panel will be sized at that maximum height and the user will have to use the scroll bars to scroll through the details.

This is done so because otherwise, the user would have to scroll on the whole webpage itself, which would be worse in terms of user-experience.

However, I do not expect this maximum height to be reached often, if ever as the maximum height is relatively high.

For example, UK Site 0300 Kirkcaldy, shown below, has a lot of meter programs and displays perfectly fine with no need for scroll bars, as pictured in the next page.

## **Daily Returns Input Area – Dynamic Height Adjustment**

The same mechanism has also been implemented on the right-hand side of the window, where the meters are input by the users.

In the past versions, scrolling was required there as well, but the height of this area should automatically adjust to the best size based on the number of meter programs in it.

DRS Version 3.5 Release Notes

Previous Version ↓

**Daily Return**

KIRKCALDY, VICTORIA ROAD (0300)  
 ALEX JOHNSTONE (030017) Completed  
29/12/2010

Meter Programs	Qty	Price	Comm	Total	
JW1 - Jet Wash 1	0	£1.00	£0.00	£0.00	Edit
JW2 - Jet Wash 2	0	£2.00	£0.00	£0.00	Edit
JW3 - Jet Wash 3	0	£1.00	£0.00	£0.00	Edit
JW4 - Jet Wash 4	0	£2.00	£0.00	£0.00	Edit
P1 - Express Wash	11	£1.50	£1.10	£15.40	Edit
P2 - Wash 1	32	£2.20	£25.60	£44.80	Edit

Lots of scrolling required to view the other totals →

Totals	Qty	Receipt	Comm	Amount Due
	104	£255.40	£67.74	£187.66
Amount Banked			£187.66	
Credit Amount			£0.00	
Under/Over			£0.00	

Return ID: 1465399    Period Post: 201012  
 Invoice: 2120676    Credit No: 2120977  
 Adj No:                      Voucher No:

**Exported**

Created by eileenw on 31/12/2010 at 15:53  
 Updated by DRSStock on 04/01/2011 at 15:15

Daily Returns To Do (10) ↓

Sites to do (0) ↓ Site List

Quick Data Entry

Meter Programs	Previous Meter Reading	o/r	Start Number	End Number	Zero
JW1 - Jet Wash 1	D:28/12/10 S:33801 E:33801	>	33801	33801	<input type="checkbox"/>
JW2 - Jet Wash 2	D:28/12/10 S:2818 E:2818	>	2818	2818	<input type="checkbox"/>
JW3 - Jet Wash 3	D:28/12/10 S:29528 E:29528	>	29528	29528	<input type="checkbox"/>
JW4 - Jet Wash 4	D:28/12/10 S:2651 E:2651	>	2651	2651	<input type="checkbox"/>
P1 - Express Wash	D:28/12/10 S:34469 E:34473	>	34474	34484	<input type="checkbox"/>
P2 - Wash 1	D:28/12/10 S:111500 E:111518	>	111519	111550	<input type="checkbox"/>
P3 - Wash 2	D:28/12/10 S:37001 E:37026	>	37027	37069	<input type="checkbox"/>

Update    Cancel

Add

Meters    Voucher    Test

Actions

Submit    Zero Day    Delete

Notes ↓

DRS Version 3.5 ↓

**Daily Return**

KIRKCALDY, VICTORIA ROAD (0300)  
 ALEX JOHNSTONE (030017) Completed  
26/07/2011

Meter Programs	Qty	Price	Comm	Total	
JW1 - Jet Wash 1	8	1.00	0.48	7.52	Edit
JW2 - Jet Wash 2	0	2.00	0.00	0.00	Edit
JW3 - Jet Wash 3	14	1.00	0.84	13.16	Edit
JW4 - Jet Wash 4	2	2.00	0.24	3.76	Edit
P1 - Express Wash	12	0.99	1.20	10.68	Edit
P2 - Wash 1	25	1.70	20.00	22.50	Edit
P3 - Wash 2	17	3.50	15.30	44.20	Edit
P4 - Wash 3	14	5.00	15.40	54.80	Edit
P5 - Wash 4	1	6.00	1.20	4.80	Edit
P6 - The Works	9	7.00	12.15	50.85	Edit
V3 - Vacuum Meter 3	7	1.00	0.91	6.09	Edit
Fleet wash 1 (p2) voucher	1	0.00	0.50	-0.50	Edit

No scrolling required. Everything is shown →

Totals	Qty	Receipt	Comm	Amount Due
	110	£285.88	£68.22	£217.66
Amount Banked			£293.40	
Credit Amount			£0.00	
Under/Over			£75.74	

Return ID: 1529822    Period Post: 201107  
 Invoice: 2261621    Credit No: 2261871  
 Adj No:                      Voucher No:

**Exported**

Created by eileenw on 28/07/2011 at 09:48  
 Updated by DRSStock on 29/07/2011 at 12:15

Daily Returns To Do (10) ↓

Sites to do (0) ↓ Site List

Quick Data Entry

Meter Programs	Previous Meter Reading	o/r	Start Number	End Number	Zero
JW1 - Jet Wash 1	D:25/07/11 S:37839 E:37861	>	37862	37869	<input type="checkbox"/>
JW2 - Jet Wash 2	D:25/07/11 S:3152 E:3153	>	3153	3153	<input type="checkbox"/>
JW3 - Jet Wash 3	D:25/07/11 S:32812 E:32837	>	32838	32851	<input type="checkbox"/>
JW4 - Jet Wash 4	D:25/07/11 S:2942 E:2942	>	2943	2944	<input type="checkbox"/>
P1 - Express Wash	D:25/07/11 S:35585 E:35589	>	35590	35601	<input type="checkbox"/>
P2 - Wash 1	D:25/07/11 S:117261 E:117301	>	117302	117327	<input type="checkbox"/>
P3 - Wash 2	D:25/07/11 S:40150 E:40159	>	40160	40176	<input type="checkbox"/>
P4 - Wash 3	D:25/07/11 S:56829 E:56841	>	56842	56855	<input type="checkbox"/>
P5 - Wash 4	D:25/07/11 S:23993 E:23993	>	23994	23994	<input type="checkbox"/>
P6 - The Works	D:25/07/11 S:31985 E:31989	>	31990	31998	<input type="checkbox"/>
V3 - Vacuum Meter 3	D:25/07/11 S:64308 E:64325	>	64326	64332	<input type="checkbox"/>

No scrolling required in the input area either. ↑

Update    Cancel

Add

Meters    Voucher    Test

Actions

Submit    Zero Day    Delete

Notes ↓

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D:\Documents\IT\Documentation\DRS\DRS Version 3.5.doc  
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## Using the F11 keyboard shortcut to switch to full-screen

To maximize the available height to the actual contents, it may be useful for the DRS user to use the “F11” keyboard shortcut of Internet Explorer to switch the browser in full-screen mode.

Enabling this mode will cause the title bar, toolbars, address bar of the Internet Explorer browser to be hidden.

As a result, the DRS contents will really have as much as space of possible.

The full-screen mode can be turned off by pressing F11 again.

Screens with a resolution of at least 1280\*1024 (1280 pixels horizontal / 1024 pixels vertical) are recommended for using with DRS in the best conditions.

## Vouchers Type Input Filtering

In DRS, when inputting vouchers to the daily returns, one of the dropdown lists displays the list of vouchers types (Prepaid, Discount, Complimentary, Promotional, etc).

So far, this list was always populated with all those voucher types, even though some were sometimes not relevant for the current site and/or meter program.

In smaller countries, this was time-consuming and frustrating because they tend to only use the "Discount" type.

However, this voucher type was the third choice or so in the list, forcing them to switch to the correct voucher type all the time, even though a single type was actually relevant.

I have updated DRS so it can detect which vouchers types are relevant for the current site and meter program.

This means that it will only show voucher types for which there exists valid vouchers that can be applied for this site and meter program.

The screenshot shows the 'Vouchers' section of the DRS software. The 'Type' dropdown menu is open, showing a filtered list of voucher types: 'Prepaid' and 'Complimentary'. A blue arrow points to the 'Prepaid' option. A text box below the dropdown states: 'List is now filtered to only show available vouchers types for this site.' The interface includes tabs for 'All', 'Meter Programs', 'Vouchers', 'Amount Banked', 'Authorised Test', and 'Down Time'. Fields for 'Meter Programs', 'Meter Types', 'Program ID', 'Price', 'Voucher Name', 'Qty', 'Received', 'Price', 'Total Receipt', 'Commission', and 'Amount Due' are visible.

## **Operators Statement Changes**

The operator statement has received a couple of improvements.

### ***New row displayed even if only the commission changes***

In some rare cases, where only the commission of a program/option changed but not its price, on the same Price Band, a separate distinct row for this particular commission rate would not be shown. Figures and totals were all correct though.

The behaviour by design for the report so far was for the commission of that program to be averaged and put on a single row, as the price didn't actually change and only the commission.

However, for some clarity reasons for their operators, the Netherlands DRS users have requested a separate row to be shown even if only the commission changed and not the actual price.

Also, meter programs having received no wash during the targeted month will be excluded from the operator statement's details, as it doesn't serve any purpose and potentially confuse the operators.

### ***Rounding formula***

There was an inconsistency in the formula being used in the UK VAT report and the operator statement, which could result in very small differences between those two reports due to slightly different rounding methods being used in those two reports.

The VAT figures operator statement has been aligned to use the same rounding system as the UK VAT Report statement.

Please note that this fix has been actually active since end of June and communicated internally.

## **“Banked Amount” screen improvements**

If the Amount Banked field was set to an empty value, and the Update button was clicked, DRS saved back to the database a NULL value into the database, which resulted in issues when wanting to get back to the Amount Banked later on.

A validation has been added to prevent the empty amount banked to be saved and report a warning message instead, for the user to resolve and enter a value.

The screenshot shows a web interface with a blue header and a white content area. The header has tabs for 'All', 'Meter Programs', 'Vouchers', 'Amount Banked', 'Authorised Test', and 'Down Time'. The 'Amount Banked' tab is selected. The main content area has a white background with a blue border. It contains the following fields and controls:

Total Receipt	£371.90
Amount Banked	<input type="text"/> Bank Zero <input type="checkbox"/>
	Banked <input type="text"/>
Under/Over	-£371.90

Below the 'Amount Banked' field, there is a red error message: "Please enter a banked amount." To the left of this message is a white arrow pointing right with the text "New validation" above it. At the bottom right of the form are three buttons: "Calculate" (green), "Cancel" (yellow), and "Update" (yellow).

Another improvement is that a click on the “Bank Zero” check box will now reset the Amount Banked textbox to 0 (needed to be done manually by the user before) and the textbox is then disabled/read-only.

The screenshot shows the same web interface as the previous one, but with the 'Bank Zero' checkbox checked. The 'Amount Banked' field now contains '0.00'. Above the form, there is a blue text box with white text that reads: "Greyed out/ Read-only on checking the Bank Zero checkbox. Unchecking enables the text box back." Two blue arrows point from this text box to the 'Bank Zero' checkbox and the 'Amount Banked' field. The 'Under/Over' field still shows '-£371.90'. The 'Calculate', 'Cancel', and 'Update' buttons are still present at the bottom right.

## “Check All Checkboxes” Button on Banking Screen

A “Check All” button has been added to the Banking screen, as several users reported it was taking them a lot of time to click through all the checkboxes.

The Check All button will automatically tick all the checkboxes on the screen, except the checkboxes that are disabled / greyed out.

This feature was requested by the Netherlands DRS users and can presumably be useful to most, if not all, DRS countries as well.



DRS Version 3.5 Release Notes

Single Site  Start Date  End Date

Site Range

Bank Listing												
Return ID	ID	Return Date	Site ID	Site Name	Status	Total Receipt	Amount Banked	Zero	Credit Amount	Under/Over	Banked	Submit Invoicing
1060002	000106	01/07/2011	0001	Rotterdam, Melanchtonweg	Verwerkt	£340.11	<input type="text" value="2,555.00"/>	<input checked="" type="checkbox"/>	<input type="text" value="0.00"/>	£2,214.89	<input type="text" value="07/07/2011"/>	<input type="checkbox"/>
1060003	000106	02/07/2011	0001	Rotterdam, Melanchtonweg	Verwerkt	£636.45	<input type="text" value="0.00"/>	<input checked="" type="checkbox"/>	<input type="text" value="0.00"/>	-£636.45	<input type="text"/>	<input type="checkbox"/>
1060004	000106	03/07/2011	0001	Rotterdam, Melanchtonweg	Verwerkt	£320.19	<input type="text" value="0.00"/>	<input checked="" type="checkbox"/>	<input type="text" value="0.00"/>	-£320.19	<input type="text"/>	<input type="checkbox"/>
1060135	000106	04/07/2011	0001	Rotterdam, Melanchtonweg	Verwerkt	£427.28	<input type="text" value="0.00"/>	<input checked="" type="checkbox"/>	<input type="text" value="0.00"/>	-£427.28	<input type="text"/>	<input type="checkbox"/>
1060136	000106	05/07/2011	0001	Rotterdam, Melanchtonweg	Verwerkt	£367.30	<input type="text" value="0.00"/>	<input checked="" type="checkbox"/>	<input type="text" value="0.00"/>	-£367.30	<input type="text"/>	<input type="checkbox"/>
1060137	000106	06/07/2011	0001	Rotterdam, Melanchtonweg	Verwerkt	£321.85	<input type="text" value="0.00"/>	<input checked="" type="checkbox"/>	<input type="text" value="0.00"/>	-£321.85	<input type="text"/>	<input type="checkbox"/>

## Ending words

If anything did not make sense, or if you would like further precisions, please do not hesitate to contact me.

I would also like to thank the UK and NL DRS users for their efficient and friendly assistance in testing these new features.